Articulation Guide by Major Effective during the 17-18 Academic Year

====Aerospace Science and Engineering B.S.==== 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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH	1	Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH	2	Calculus II	(4)
a) MATH 21C	Calculus	(4)	MATH	3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4)	MATH	3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3)	MATH	5	Linear Algebra	(3)
	Differntl Equations				Differential Equations	
	Classical Physics					
a) PHYSICS 9B	Classical Physics	(5)	PHYSC 	4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSC 	4C	Principles of Physics: Electricity and Magnetism	(4)
a) CHEM 2A a) CHEM 2B	Genl Chemistry Genl Chemistry	(5)		1A <u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
a) ENGIN 4	Graphics in Design	(3)	ENGR	2	Engineering Graphics	(3)
a) ENGIN 17	Circuits I	(4)	ENGR 	6	Engineering Circuit Analysis	(4)
a) ENGIN 45	Prop of Mats		ENGR ENGR	4	Engineering Materials	
a) ENGIN 6	Engr Prob Solving OR	(4)	NO CO		ABLE COURSE OR	
a) ENG CS 30		(4)	CSP 2		-	(3)
	SOLVING		-		C++ Programming I	(3)
	or admission. Students					

course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

a) UWRITING 1	Expository Writing OR	(4)	ENG 1A 	Reading and Composition OR	(3)
a) ENGLISH 3	Intro to Lit	(4)	ENG 1B 	Written Communications II: A Critical Introduction to Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

OR OR a) COMUNCN 3 Intprsnl Com Cmpetnce (4) COM ST 3 Interpersonal Communication	a) COMUNCN 1	Intro Public Spkg	(4) COM ST 1A	Public Speaking	(3)
		OR		OR	
	a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COM ST 3	±	(3)

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

a) This articulation is approved for engineering majors.

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 As of W17,	Cultural Anthropology units=5	(4) ANTHR 1	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4) ECON 1B 	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1A	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5) SOCIO 1A 	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4) POLSC 1	American Government and Institutions	(3)
POL SCI 2	Intro Comp Politics	(4) POLSC 2	Introduction to Comparative Politics	(3)
PSYCH 1	General Psychology	(4) PSYCH 1	Introduction to Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3) History
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
n a std 10	NA Experience	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
a a std 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3) History
a a std 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	SOCIO 27 Gender in Contemporary (3) Society

TWO COURSES FROM THE FOLLOWING:

HISTORY 15	Intro	African Hist	(4) NO COMPARABLE COURSE						
Course discon	tinued	as of S18							
HISTORY 17A	U.S.	History	(4)	HIST	17A	History of	the	United	(3)
						States			
HISTORY 17B	U.S.	History	(4)	HIST	17B	History of	the	United	(3)
						States			

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
DRAMART 41A	Beg Jazz Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 41B	Inter Jazz Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

Education(GE) Note:

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

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

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

College 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 2016-18 $\underline{General \ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

HISTORY 17	U.S. History	(4)	HIS 	T 1	17A	History of the United (3 States
	OR		İ			OR
POL SCI 1	Amer Natl Govt	(4)	POL 	SC	1	American Government and (3 Institutions
A	MINIMUM OF 8 QUARTER UNITS	FRO	M EA	СН	OF	THE FOLLOWING AREAS:
AN SCI 1	Domest Ani & People	(4)	AH	SC	10	Principles of Animal (3
	_		i			Science
AN SCI 2	Intro Animal Sci	(4)	NO	CON	MPAR	ABLE COURSE
AN SCI 21	Livestock&Dairy Jdg	(2)	AH	SC	11A	Introduction to (2
	1 5	. ,	i			Livestock Evaluation
			i	OF	R	
			AH	_	 11B	Beginning Livestock (2
						Evaluation
			i i	OF	R	
			АН			Intermediate (2
						Livestock Evaluation
			l	OI	R	
			∣дн	_	<u></u> 11D	Advanced Livestock (2
			1	20		

an sci 41	Domestic Ani Prod	(2)	Evaluation
ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AGRESEC 15	Pop,Envr,World Agri AND	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation AND
ECON 1A		(4)	ECON 1B Principles of (3) Microeconomics
ECON 1B		(4)	ECON 1A Principles of (3) Macroeconomics
	Intro Envhort/Urb For Intro Environ Plants		NO COMPARABLE COURSE HORT 2 Plant Materials and (3) Usage - Fall OR HORT 3 Plant Materials and (3)
PL SCI 5 FORMERLY PI	Plants Gard, Orch & Land LANT BIO 1	(2)	Usage - Spring
ENV S&P	Environment 10 not open for credit to	stud	N R 2 Environmental Science (3)
ENV TOX 10	Toxicology		
	SCI&SOC 10	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1	Agr Nature & Society	(4)	NO COMPARABLE COURSE PLANT 10 Principles of Plant (3) Science
PL SCI 15	Intro Sustainable Agriculture		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2	Intro to Viticult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 3	Intro Winemaking	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	גז.ז. הה גה אונייים אינייים אינייים אינייים אינייים אינייים אינייים אינייים אינייים איניים איניים איניים איניים איניים		WING COURSES:
BIOLSCI 2A	Intro Biology:Life on Earth		
	Intro Biology: Ecology & Evolution		BIOL 1 & Core Biology(4)BIOL 2 & General Zoology(5)BIOL 3General Botany(4)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM 1AGeneral Chemistry(5)CHEM 1A&General Chemistry(5)CHEM 1BGeneral Chemistry(5)
t) GEOLOGY GEOLOGY 20	1 The Earth California Geology	(4) (2)	GEOL 1A Physical Geology w/Lab (4)

MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			OR
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)

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

END OF MAJOR

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4) NO COMPARABLE COURSE	
A A STD 1	Hist Exp Asian Am	(4) HIST 34 Asian Pacific American	(3)
		History	
CHICANO 10	Intro to Chic Std	(4) HIST 31 Mexican-American	(3)
		History	
N A STD 1	Intro NA Studies	(4) NO COMPARABLE COURSE	
		·	

ONE COURSE FROM THE FOLLOWING:

anthro 2	Cultural Anthropology	(4) ANTHR 1	Cultural Anthropology	(3)		
As of W17,	units=5					
SOCIOL 2	Self and Society	(4) NO COMPARA	ABLE COURSE			
WOM STD 50	Intro Gender Studies	(4) SOCIO 27	Gender in Contemporary	(3)		
			Society			
ONE COURSE FROM THE FOLLOWING.						

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4) HIST 17A	History of the United	(3)
			States	
HISTORY 17B	U.S. History	(4) HIST 17B	History of the United	(3)
			States	

Formerly Humanities 10

ONE COURSE FROM THE FOLLOWING:

FILM ST 1 Intro to Film Studies (4) NO COURSE ARTICULATED: College has not

submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 &	Core Biology	(4)
	& Evolution	(-)		General Zoology	(5)
					(4)
BIOLSCI 2C	Intro Biology:	(5)		General Zoology	(5)
	Biodiversity & the Tree				(4)
	of Life				
CHEM 2A Ge	enl Chemistry			General Chemistry	(5)
CHEM 2B Ge	enl Chemistry			General Chemistry	
				General Chemistry	
CHEM 2C Ge	enl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
CHEM 8A Or	ganic Chem-Brief	(2)	NO COMPARA	ABLE COURSE	
CHEM 8B Or	ganic Chem-Brief	(4)	NO COMPARA	ABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)			(5)
			CHEM 12B 	Organic Chemistry	(5)
MATH 16A S	Short Calculus	(3)	-	Survey of Calculus	(4)
			OR		
			MATH 1	Calculus I Calculus II	(5)
	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C S	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A C	alculus for BioSci	(4)		ARTICULATED: College has	
	halandara fan Dianai	(1)		course(s) for articulation	
МАТН 17В С	alculus for Biosci	(4)		ARTICULATED: College has	
	algulug fan Diedgi	(1)		course(s) for articulatio	
MATH 17C C	alculus for BioSci	(4)	1	ARTICULATED: College has	
	OR		SUDULTED	course(s) for articulation	11
	UK		I	UK	

MATH 21B Calc	culus culus culus	(4)	MATH 1 MATH 2 MATH 3	Calculus I Calculus II Vector Calculus	(5) (4) (4)
PHYSICS 7C Ge It is highly rec their community series before tr series may be re	eneral Physics eneral Physics commended that students college that is equiva cansferring. Students we equired to take addition	(4) (4) s con alen who conal	PHYSC 2B PHYSC 2A PHYSC 2A PHYSC 2A PHYSC 2A PHYSC 2B mplete an t to the entransfer w physics co	 General Physics General Physics General Physics 	
STATIST 13 El Same as: STAT	ementary Statistics CIST 13Y	(4)	MATH 12 OR PSYCH 2	Introduction to Probability and Statistics Statistical Methods for Psychology and Social Science	(4)
AN BIOL 50A A	nimal Biol Lab	(2)		ARTICULATED: College has course(s) for articulatio	
	animal Biology Animal Biology		submitted	ARTICULATED: College has course(s) for articulatio ARTICULATED: College has course(s) for articulatio	on not

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

 AP and IB examination credit policies are detailed in the UC Davis 2016-18

 General Catalog
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 available from our TAG website.

 AN SCI 1
 Domest Ani & People

 (4)
 AH SC 10
 Principles of Animal

 (3)
 Science

 AN SCI 2
 Intro Animal Sci

 (4)
 NO COMPARABLE COURSE

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core	e Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2 & Gene		(4) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			eral Zoology	(4) (5) (4)
	enl Chemistry enl Chemistry	(5) (5)	CHEM 1A Ger CHEM 1A <u>&</u> Ger CHEM 1B Ger	-	(5) (5) (5)
	rganic Chem-Brief rganic Chem-Brief				
PL SCI 21	Computers in Technology OR	(3)	NO COMPARABLE	COURSE OR	
B) ENG CS 15	Intro to Computers	(4)	CS 11 Funda Scien	amentals of Computer	(3)
ECON 1A Pi	rinc of Microecon	(4)	ECON 1B Pri	inciples of proeconomics	(3)
ECON 1B Pi	rinc of Macroecon	(4)	ECON 1A Pri		(3)
	Elem Accounting Elem Accounting			nciples of Accounting nciples of Accounting	
MATH 16A S	Short Calculus	(3)	MATH 13 Sur OR	evey of Calculus	(4)
			MATH 1 Cal	lculus I	(5)
MATH 16B S	Short Calculus	(3)	MATH 2 Calc	culus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2 Calc	culus II	(4)
	OR			OR	
MATH 17A (Calculus for BioSci	(4)		CULATED: College has	
		(1)		cse(s) for articulation	
MATH 17B (Calculus for Biosci	(4)		CULATED: College has	
MATH 17C	Calculus for BioSci	(1)		rse(s) for articulation ICULATED: College has	
MAIN 17C (Calculus IOI BIOSCI	(=)		cse(s) for articulation	
	OR		Sabini CCCu COUL	OR	
MATH 21A (Calculus	(4)	MATH 1 Calc	-	(5)
MATH 21B			MATH 2 Calc		(4)
MATH 21C		(4)	MATH 3 Vect	cor Calculus	(4)

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						
AN SCI 41 AN SCI 41L	Domestic Ani Prod Domest An Prod Lab	<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not</pre>				

EQUINE SPECIALIZATION

AN	SCI	15	Intro Horse Husb	(3) NO COMPARABLE COURSE		
	LIVESTOCK SPECIALIZATION					
		41 41L	Domestic Ani Prod Domest An Prod Lab	(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	POULTRY SPECIALIZATION					
AV	SCI	11	Intro Poultry Sci	(3) NO COMPARABLE COURSE		
	RESTRICTED ELECTIVES (12 QUARTER UNITS):					

AGRESEC 18	Business Law	(4) BUS 18A	Business Law	(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.

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

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avallable from our TAG website.

AN SCI 1	Domest Ani & People	(4)	AH SC 10	Principles of Animal Science	(3)
AN SCI 2 AN SCI 41 AN SCI 41L	Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(2)	NO COMPARA NO COURSE	ABLE COURSE ABLE COURSE ARTICULATED: College ha course(s)for articulati	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2 &	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 <u>&</u>	General Zoology General Botany	(5) (4)
	Genl Chemistry Genl Chemistry		1	General Chemistry General Chemistry	(5) (5)

			CHEM 1B	General Chemistry	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR	• •	!	ABLE COURSE ABLE COURSE OR	
	Org Chem, Hlth & Sci				
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A 4 CHEM 12B	Organic Chemistry Organic Chemistry	
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus	(4)
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College ha course(s) for articulat	
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College ha course(s) for articulat	
	OR			OR	1011
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	матн 2 	Calculus II	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN 	SCI			Aquaculture	(4) NO	COMPARABLE	COURSE
				AVIAN SC	CIENCES		
AV	SCI			,Humans & Env		COMPARABLE	COURSE
				COMPANION AND	CAPTIVE	E ANIMALS	
AN 	SCI	42	Intro	Comp Ani Bio	(4) NO	COMPARABLE	COURSE
				EQUINE S	SCIENCE		
				Horse Husb		COMPARABLE	COURSE
				LABORATO	RY ANIM	ALS	
AN	SCI	42	Intro	Comp Ani Bio	(4) NO	COMPARABLE	COURSE
	POULTRY						
				Poultry Sci	-	COMPARABLE	COURSE
		MAJOR					
				====Anthrop	pology A	A.B.====	

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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) ANTHR 2	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(4) ANTHR 1	Cultural Anthropology	(3)
As of W17,	units=5			
ANTHRO 3	Intr to Archaeology	(4) ANTHR 10 	Introduction to Archaeology	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO	15	Human Life Cycle	(5)	FCS	19	Human	Develop	oment	(3)
				5	Same a	s: H S	19		
ANTHRO	23	Intr World Prehist	(4)	NO C	COMPAR	ABLE CC	URSE		
ANTHRO	24	Ancient Crops and People	(4)	1				0	
				subn	nitted	course	e(s) for	r articul	lation
ANTHRO	50	Evolution and Human	(4)	NO C	COURSE	ARTICU	JLATED:	College	has not
		Nature		subn	nitted	course	e(s)for	articula	ation
ANTHRO	54	Intro to Primatology	(4)	NO C	COURSE	ARTICU	JLATED:	College	has not
				subm	nitted	course	e(s)for	articula	ation

ONE COURSE FROM THE FOLLOWING: ANTHRO 13 Sci Method in Physical (4) NO COURSE ARTICULATED: College has not Anthropology submitted course(s) for articulation STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE SOCIOCULTURAL EMPHASIS: ANTHRO 2 Cultural Anthropology (4) ANTHR 1 Cultural Anthropology (3) As of W17, units=5 _____ TWO COURSES FROM THE FOLLOWING: ANTHRO 1 Human Evol Biol ANTHRO 3 Intr to Archaeology (4) | ANTHR 2Biological Anthropology (3)(4) | ANTHR 10Introduction to(3) Archaeology ANTHRO 4 Anthro Linguistics (4) ANTHR 4 Introduction to (3) Linguistics Same as: HUM 4 OR Introduction to HUM 4 (3) Linquistics Same as: ANTHR 4 _____

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 C	OMPARA	ABLE COURSE			
ANTHRO	30	Sexualities	(4)	NO C	OURSE	ARTICULATED:	College	has	not
				subm	itted	course(s)for	articula	ation	
ANTHRO	32	Drugs, Science and	(4)	1		ARTICULATED:	5		
		Culture		subm	itted	course(s) for	r articul	atio	n
Same	as: S	SCI&TEC 32							
ANTHRO	34	Cultures of Consumerism	(4)	NO C	OURSE	ARTICULATED:	College	has	not
				subm	itted	course(s) for	c articul	atio	n

END OF MAJOR

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

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ANTHRO 1 ANTHRO 2 As of W17,	Cultural Anthropology		ANTHR 2Biological AnthropologyANTHR 1Cultural Anthropology	
	Intr to Archaeology	(4)	ANTHR 10 Introduction to Archaeology	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology	(4)
BIOLSCI 2B		(5)		(4)
	& Evolution			(5)
			1 1	(4)
BIOLSCI 2C				(5)
	Biodiversity & the Tree of Life		BIOL 3 General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry		-	(5)
			CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
CITEM 110A	OR Org Chem, Hlth & Sci	(1)	OR CHEM 12A Organic Chemistry	(5)
	Org Chem, Hith & Sci Org Chem, Hlth & Sci			(5)
CHEM 110B	org chem, nich a ser	(=)		(5)
				()/
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus OR	(4)
			MATH 1 Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2 Calculus II	(4)

OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not MATH 17B Calculus for Biosci submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus (4)|MATH 1 Calculus I (5) (4) MATH 2 Calculus I (4) MATH 3 Vector Calculus MATH 21B Calculus (4) MATH 21C Calculus (4) _____ ONE COURSE FROM THE FOLLOWING: ANTHRO 13 Sci Method in Physical (4) NO COURSE ARTICULATED: College has not Anthropology| submitted course(s) fSOCIOL 46BIntro Social Rsch(5) | NO COMPARABLE COURSE submitted course(s) for articulation STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science _____ RECOMMENDED COURSES FOR THIS MAJOR: (5) FCS 19 Human Development ANTHRO 15 Human Life Cycle (3) Same as: H S 19 ANTHRO 50 Evolution and Human (4) NO COURSE ARTICULATED: College has not Nature submitted course(s)for articulation t) GEOLOGY 1The Earth(4) GEOL 1APhysical Geology w/Lab (4)PSYCH 1General Psychology(4) PSYCH 1Introduction to(3) Psychology

END OF MAJOR

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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Recommended Language Preparation Note:

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

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MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus			Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
	Or high	schoo	l equivale	nt	
 MATH 21D	Vector Analysis	 (<u>4</u>)	 млти 3	 Vector Calculus	(4)
MATH 22B	Differntl Equations		1	Differential Equation	
MATH 25	Advanced Calculus			ARTICULATED: College	
		(-)		course(s) for articul	
MATH 22AL	Lin Alg Comp Lab	(1)			
				course(s)for articula	ation
	or equivalent basic		-		
	BOTH OF TH	-			(-)
MATH 22A	Linear Algebra AND	(3)	MATH 5	Linear Algebra AND	(3)
MATH 108	AND Intro Abstract Math	(1)	 Thig gour	se must be taken at U	
MATH 100	Inclo Abstract Math	(=)	TITTE COUL	se must be taken at or	Davis
	OR SELECT	THE F	OLLOWING CO	OURSE:	
MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s) for articul	lation
	c knowledge of MATLAB is				tudents
	it on their own, enroll i	-	-	-	ng 5 or
in the one	e unit course Mathematics	22AL (1	may be take	en concurrently).	
ENG CS 30	Programming&Prob Solvi	ng (4)	CSP 26A	JAVA Programming	(3)
		2 . ,	OR		. /
			CSP 31A	C++ Programming I	(3)
As of F	18, Course Number = ENG C	S 36A			

ENG CS 40 Sftwr/Obj-Orien:C++ (4) CSP 31B C++ Programming II (3) As of F18, Course Number = ENG CS 36B

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.

		THE FOLLOWING TWO-COURSE SEQUENCES:	
01	(5)	BIOL 1 Core Biology	(4)
Earth	((1)
	(5)		(4)
& Evolution			(5)
07		1	(4)
OR	<i>.</i>	OR	
CHEM 2A Genl Chemistry		-	(5)
CHEM 2B Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
		CHEM 1B General Chemistry	(5)
OR		OR	
ECON 1A Princ of Microecon	(4)	ECON 1B Principles of	(3)
		Microeconomics	
ECON 1B Princ of Macroecon	(4)	ECON 1A Principles of	(3)
		Macroeconomics	
OR		OR	
PHYSICS 9A Classical Physics	(5)	PHYSC 4A Principles of Physics:	(4)
		Mechanics	
PHYSICS 9B Classical Physics	(5)	PHYSC 4B Principles of Physics:	(4)
_		Waves, Sound, and	
		Thermodynamics	
OR		OR	
STATIST 32 Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Sc:		•	
STATIST 100 Applied Stats for Bio			ia
Sci	(1)	IIIB COULSE must be caken at of bay	тIJ
DCI		1	

END OF MAJOR

====Applied 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 highly 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 Baccalaureate (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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics: (4) Electricity and 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

PHYSICS 9HC	Honors Physics	(5)	NO COURSE	course(s)for articulation ARTICULATED: College has course(s) for articulat:	s not
	DEPENDING ON AREA OF	CON	CENTRATION	:	
PHYSICS 9HD	Honors Physics	(5)	·	ARTICULATED: College has course(s) for articulat	
PHYSICS 9HE	Honors Physics	(5)	-	ARTICULATED: College has course(s) for articulat	
MATH 21A MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B	Calculus Calculus Calculus Vector Analysis Linear Algebra Differntl Equations	(4) (4) (4) (3)	MATH 1 MATH 2 MATH 3 MATH 3 MATH 5 MATH 4	Calculus I Calculus II Vector Calculus Vector Calculus Linear Algebra Differential Equations	(5) (4) (4) (4) (4) (3) (4)
PHYSICS 80	Experimental Techniques	(4)			
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A OR	JAVA Programming	(3)
			CSP 31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

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.

	CHEMICA	AL PHYSICS CONCENTRATION	
CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chem	stry (5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A <u>&</u> General Chemi	stry (5)
		CHEM 1B General Chemi	stry (5)
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemi	stry (5)
	COMPUTAT:	IONAL PHYSICS CONCENTRATION	
ENG CS 40	Sftwr/Obj-Orien:C++	(4) CSP 31B C++ Programm	ng II (3)
As of 1	F18, Course Number = ENG	3 CS 36B	
	PHYSICA	L ELECTRONICS CONCENTRATION	
ENGIN 17	Circuits I	(4) ENGR 6 Engineering C	rcuit (4)
		Analysis	
	PHYSICAL (CEANOGRAPHY CONCENTRATION	
CHEM 2A		(5) CHEM 1A General Chemi	stry (5)
	OR	OR	-
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
END OF MA	 TOR		

ND OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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:

ARTHI	1A	Ancient Mediterranean Art	(4)	ART 1A Art History: Europe from (3)
				Prehistory to 1400
ARTHI	1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI	1C	Baroque to Modern Art	(4)	ART 1B Art History: Europe from (3)
				the Fifteenth to the
				Twentieth Century
ARTHI	1D	Arts of Asia	(4)	NO COMPARABLE COURSE
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)	NO COMPARABLE COURSE
		Architecture		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 33A	Beginning Drawing	(3)
			OR		
			ART 33B	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 20A <u>&</u>	Sculpture I	(3)
			ART 20B	Sculpture II	(3)
ART 7	Beginning Painting	(4)	NO COMPARA	BLE COURSE	
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARA	BLE COURSE	
art 9	Beginning Photography	(4)	NO COMPARA	BLE COURSE	

ART 11	Beginning Printmaking	(4)	ART 40A	Printmaking I (3)
ART 12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ART 24	Intro Experimental Video	(4)	NO COURSE	ARTICULATED: College has not
	and Film		submitted	course(s) for articulation
END OF MA	JOR			

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	FOUR	COURSES FROM TH	IE FOLI	OWING:					
ART 2	Beginning Drawing	(4) A	ART 334	Beginning Drawing	(3)				
			OR						
		A	ART 33E	3 Intermediate Drawing	(3)				
ART 5	Beginning Sculpture	e (4) A	ART 20 <i>P</i>	A <u>&</u> Sculpture I	(3)				

			ART 20B Sculpture II (3)
ART 7	Beginning Painting		NO COMPARABLE COURSE
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE
ART 11	Beginning Printmaking	(4)	ART 40A Printmaking I (3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	TWO LECTURE COURSES CHO	OSEN	FROM THE FOLLOWING:
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A Art History: Europe from (3)
			Prehistory to 1400
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B Art History: Europe from (3)
			the Fifteenth to the
			Twentieth Century
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
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)	NO COMPARABLE COURSE
	Architecture	. ,	
END OF MA	AJOR		·

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

A A STD 1 Hist Exp Asian Am (4) HIST 34 Asian Pacific American (3) History A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE Americans | A A STD 3 Social & Psychological (4) NO COURSE ARTICULATED: College has not

		· · /			
	Perspectives of Asian		submitted	course(s)	for articulation
	Americans				
a a std 4	Asian Amer Cultural	(4)	NO COURSE	ARTICULATE	ED: College has not
	Studies		submitted	course(s)	for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture & Soc	(4) NO COMPARABLE COURSE
AF-AMST 12 Intro Afro Studies	(4) NO COMPARABLE COURSE
AF-AMST 15 Intro Afro Amer Hum	(4) NO COMPARABLE COURSE
AF-AMST 16 African Verbal Arts	(4) NO COMPARABLE COURSE
AF-AMST 17 Women in Africa	(4) NO COMPARABLE COURSE
AF-AMST 18 Intro Caribbean Studies	(4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
AF-AMST 50 Blk Images Pop Cult	(4) NO COMPARABLE COURSE
AF-AMST 51 History Af-Amr Dance	(4) NO COMPARABLE COURSE
AF-AMST 52 Afr Tradit Relig	(4) NO COMPARABLE COURSE
AF-AMST 80 Black Politics	(4) NO COMPARABLE COURSE
AMR STD 1A Science and American	(4) NO COMPARABLE COURSE
Culture	
AMR STD 1B Relig in Am Lives	(4) NO COMPARABLE COURSE
AMR STD 1C American Lives	(4) NO COMPARABLE COURSE
AMR STD 1E Nat&Cult Amr	(4) NO COMPARABLE COURSE
AMR STD 5 Tech in Amr Lives	(4) NO COMPARABLE COURSE
AMR STD 10 Intro American Studies	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
AMR STD 21 Objects & Everyday Life	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
AMR STD 25 U.S. as Business	(4) NO COURSE ARTICULATED: College has not
Culture	submitted course(s) for articulation
AMR STD 30 Amr Images Pop Cult	(4) NO COMPARABLE COURSE
AMR STD 55 Food in Amer Culture	(4) NO COURSE ARTICULATED: College has not
Same as: FD S&T 55	submitted course(s) for articulation
AMR STD 59 Music and American	(4) NO COURSE ARTICULATED: College has not
Culture	submitted courses for articulation
CHICANO 10 Intro to Chic Std	(4) HIST 31 Mexican-American (3)
	History
CHICANO 21 Hlth Care Issues	(4) NO COMPARABLE COURSE
CHICANO 30 US Poli & Chicanos	(4) NO COMPARABLE COURSE
CHICANO 40 Comparative Health	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
CHICANO 50 Chicano Culture	(4) NO COMPARABLE COURSE
CHICANO 60 Chicana and Chicano	(4) NO COMPARABLE COURSE
	'

Representn in Cinema|CHICANO 65New Latin American
Cinema(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationCHICANO 70Survey Chic Art(4) NO COMPARABLE COURSECHICANO 73Art Expr Silk Scr(4) NO COMPARABLE COURSEN A STD 1Intro NA Studies(4) NO COMPARABLE COURSEN A STD 5Intro NA Literature(4) NO COMPARABLE COURSEN A STD 7Indig & Minority Langs(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation submitted course(s) for articulation N A STD 10NA Experience(4) NO COMPARABLE COURSE N A STD 12 Native Amer/Indigenous Film submitted course(s)for articulation N A STD 32 NA Music & Dance (4) NO COMPARABLE COURSE N A STD 33 Intro NA Art (4) NO COMPARABLE COURSE N A STD 34 NA Art Workshop (4) NO COMPARABLE COURSE WOM STD 20 Cult Repr of Gndr (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not N A STD 12 Native Amer/Indigenous (4) NO COURSE ARTICULATED: College has not WOM STD 25 Gender & Global Cinema (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation WOM STD 50 Intro Gender Studies (4) SOCIO 27 Gender in Contemporary (3) Society WOM STD 60 Feminist Critiques (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation WOM STD 70 Sexual: Thry&Hist (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES: ANTHRO 13 Sci Method in Physical (4) NO COURSE ARTICULATED: College has not Anthropology ARTHI 5 Visual Culture (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (3) NO COMPARABLE COURSE ART 10 Fine Art Appreciation As of W17, units = 4Contemp Vis Culture (4) NO COURSE ARTICULATED: College has not ART 30 submitted course(s) for articulation CHICANO 23 Qualitative Research (4) NO COURSE ARTICULATED: College has not Methods Methods submitted course(s) for articulation ENGLISH 42 Approaches to Reading (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation N A STD 46 Orientation to Research (4) | NO COMPARABLE COURSE in NAS c) PHILOS 5 Critical Reasoning POL SCI 51 Scientific Study of Politics PSYCH 41 Research Methods Critical Reasoning PSYCH 41 Research Methods PSYCH 41 PHILO 30 Introductory Logic PSYCH 41 Research Methods PSYCH 41 PSYCH 4 Introduction to PSYCH 41 PSYCH 4 Introduction to PSYCH 41 PSYCH 4 PSYCH Research Methods in Psychology SOCIOL 46AIntro Social Rsch(4) NO COMPARABLE COURSESOCIOL 46BIntro Social Rsch(5) NO COMPARABLE COURSESTATIST 13Elementary Statistics(4) MATH 12Introduction to(4) Same as: STATIST 13Y Probability and Statistics OR | OK |PSYCH 2 Statistical Methods for (3) Psychology and Social Science _____

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END OF MAJOR
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c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

Special Advising Note:

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

 PL SCI 2
 Bot Physio Cul Plt
 (4) PLANT 10
 Principles of Plant (3)

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

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

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

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

 CHEM 1B
 General Chemistry (5)
 (5)

 ENG CS 30
 Programming&Prob Solving (4) CSP 26A
 JAVA Programming (3)

 OR
 CSP 31A
 C++ Programming I
 (3)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

MATH 21A MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B	Calculus Calculus Calculus Vector Analysis Linear Algebra Differntl Equations	(4) (4) (4) (3)	MATH 1 MATH 2 MATH 3 MATH 3 MATH 5 MATH 4	Vector Calculus (4 Linear Algebra (3	4) 4) 4) 3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPA: 	RABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics: (4 Mechanics	4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B 	Principles of Physics: (4 Waves, Sound, and Thermodynamics	4)
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	—	1)
	Elementary Statistics STATIST 13Y	(4)	MATH 12 	Introduction to (4 Probability and Statistics	4)
			<u>OR</u> PSYCH 2 	Statistical Methods for (3 Psychology and Social Science	3)

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving

END OF MAJOR

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1 Calculus I	(5)						
a) MATH 21B	Calculus	(4) MATH 2 Calculus II	(4)						
a) MATH 21C	Calculus	(4) MATH 3 Vector Calculus	(4)						
a) MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(4)						
a) MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(3)						
a) MATH 22B	Differntl Equations	(3) MATH 4 Differential Equations	(4)						
a) PHYSICS 94	A Classical Physics	(5) PHYSC 4A Principles of Physics: Mechanics	(4)						
a) PHYSICS 91	3 Classical Physics	(5) PHYSC 4B Principles of Physics: Waves, Sound, and Thermodynamics	(4)						
a) PHYSICS 90	C Classical Physics	(5) PHYSC 4C Principles of Physics: Electricity and Magnetism	(4)						
a) CHEM 2A a) CHEM 2B	Genl Chemistry Genl Chemistry		(5) (5)						
	Senir enemistery		(5)						
a) CHEM 2C	Genl Chemistry	-	(5)						
a) CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry	(5)						
a) CHEM 128B	Organic Chemistry	(3) CHEM 12A & Organic Chemistry CHEM 12B Organic Chemistry	(5) (5)						
a) CHEM 129A	Organic Chem Lab	(2) CHEM 12A Organic Chemistry	(5)						
a) BIOLSCI 24	A Intro Biology:Life on Earth	(5) BIOL 1 Core Biology 	(4)						
		· · · · · · · · · · · · · · · · · · ·							
ENG CHM 60 F a) ENG CS 30	Engineering Problem Solv Programming&Prob Solving	(4) (4) CSP 26A JAVA Programming OR	(3)						
	OR	· · · · · · · · · · · · · · · · · · ·	(3)						
a) ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE							
course in	Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.								
a) UWRITING 1	L Expository Writing OR	(4) ENG 1A Reading and Composition OR	(3)						
			(

a) ENGLISH 3 Intro to Lit (4) ENG 1B Written Communications (3)

II: A Critical Introduction to For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

REQUIRED FOR GRADUATION:

a)	ENG CHM	80	Chem Engr	Profession	(1)	NO	COMPARABLE	COURSE
a)	ENG CHM	51	Material	Balances	(4)	NO	COMPARABLE	COURSE

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

a) This articulation is approved for engineering majors.

====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 2018-19)

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

Mathematics 17A/B/C <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 	1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	2 &	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 		General Zoology General Botany	(5) (4)
	enl Chemistry enl Chemistry	(5) (5)	CHEM CHEM CHEM		General Chemistry General Chemistry General Chemistry	(5) (5) (5)

CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B General Chemistry (5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry		1
CHEM 2CH	Honors Genl Chemistry		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
	Companyal Dharadaa	(1)	PHYSC 2B General Physics (4)
PHISICS /B	General Physics	(4)	PHYSC 2A & General Physics (4)
DUVSTOS 70	General Physics	(\mathbf{A})	PHYSC 2BGeneral Physics(4)PHYSC 2A & General Physics(4)
FUIDICS /C	General FilySICS	(4)	PHISC 2A <u>a</u> General Physics (4) PHYSC 2B General Physics (4)

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

F7 ~ ~ .	OR	1			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSC	2 4A		(4)
PHYSICS 9B	Classical Physics	(5) 1	PHYSC	C 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5) 1	PHYSC	C 4C	Principles of Physics: Electricity and Magnetism	(4)
CHEM 118A	Org Chem, Hlth & Sci	(4) (CHEM	12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci			12A 8		(5)
				12B -		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B	Organic Chemistry	(5)
	OR	ĺ			OR	
CHEM 128A	Organic Chemistry			12A		(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	12A <mark>8</mark>	🖌 Organic Chemistry	(5)
		1	-	12B		(5)
CHEM 128C	Organic Chemistry			12B	5 1	(5)
CHEM 129A	Organic Chem Lab			12A		(5)
CHEM 129B	Organic Chem Lab			12A <mark>8</mark>		(5)
		0	CHEM	12B	Organic Chemistry	(5)
RECOMMENDED: MATH 21C Calculus (4) MATH 3 Vector Calculus (4)						
· · · · · · · · · · · · · · · · · · ·		\ <u>+</u> / 1		-	, cocce carcarab	\ * /

MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)

END OF MAJOR

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

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 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 2016-18 <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 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 &	Core Biology	(4)
	& Evolution	(- <i>)</i>	:	General Zoology	(5)
			•	General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)		-	(5)
DIGIDCI 20	Biodiversity & the Tree				(4)
	of Life			Scherar Docarry	(1)
CHEM 2A Ge	enl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
CHEM 2B Ge	enl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			СНЕМ 1В	General Chemistry	(5)
CHEM 8A Or	ganic Chem-Brief	(2)	NO COMPAR	ABLE COURSE	
	ganic Chem-Brief				
	OR	()	İ	OR	
CHEM 118A			 CHEM 12A		(5)
	Org Chem, Hlth & Sci	(4)		Organic Chemistry	
		(4)	CHEM 12A	Organic Chemistry Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4) (4)	CHEM 12A 3 CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4)	CHEM 12A 3 CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118B CHEM 118C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5)
CHEM 118B CHEM 118C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has	(5) (5) (5) not
CHEM 118B CHEM 118C MATH 17A C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Calculus for BioSci	(4) (4) (4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B NO COURSE submitted	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has course(s) for articulation	(5) (5) (5) not
CHEM 118B CHEM 118C MATH 17A C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B NO COURSE submitted NO COURSE	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has course(s) for articulatic ARTICULATED: College has	(5) (5) (5) not on not
CHEM 118B CHEM 118C MATH 17A C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Calculus for BioSci	(4) (4) (4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B NO COURSE submitted NO COURSE	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has course(s) for articulation	(5) (5) (5) not on not
CHEM 118B CHEM 118C MATH 17A C MATH 17B C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Calculus for BioSci Calculus for Biosci	(4) (4) (4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B NO COURSE submitted NO COURSE submitted	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has course(s) for articulatic ARTICULATED: College has course(s) for articulatic OR	(5) (5) (5) not on not on
CHEM 118B CHEM 118C MATH 17A C MATH 17B C MATH 21A C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Calculus for BioSci Calculus for Biosci	(4) (4) (4) (4) (4) (4)	CHEM 12A CHEM 12B CHEM 12B NO COURSE submitted NO COURSE submitted	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry ARTICULATED: College has course(s) for articulatic ARTICULATED: College has course(s) for articulatic	(5) (5) (5) not on not

PHYSICS 1A	Principles Physics	(3)	NO CON	MPAF	RAB	LE COURSI	E	
PHYSICS 1B	Principles Physics	(3)	NO CON	MPAF	RAB	LE COURSI	E	
	OR		ĺ			OI	R	
PHYSICS 7A	General Physics	(4)	PHYSC	2A	&	General	Physics	(4)
			PHYSC	2B		General	Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC	2A	&	General	Physics	(4)
			PHYSC	2B	_	General	Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC	2A	&	General	Physics	(4)
			PHYSC	2в		General	Physics	(4)
PHYSICS 7B	General Physics General Physics	(4)	PHYSC PHYSC PHYSC PHYSC	2B 2A 2B 2A	<u>&</u>	General General General General	Physics Physics Physics Physics Physics	(4) (4) (4) (4) (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 17C	Calculus for BioSci			ARTICULATED: College has course(s) for articulat	
	OR		ĺ	OR	
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 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 2016-18 $\underline{\mbox{General Catalog}}$. Quick reference charts for $\underline{\mbox{AP}}$ and $\underline{\mbox{IB}}$ are also

available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> Core Biology BIOL 2 <u>&</u> General Zoology BIOL 3 General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 2 & General Zoology BIOL 3 General Botany	(5) (4)
	nl Chemistry nl Chemistry	 (5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry CHEM 1B General Chemistry 	(5) (5) (5)
CHEM 2C Ge	nl Chemistry	(5) CHEM 1B General Chemistry	(5)

CHEM 8AOrganic Chem-Brief(2) |NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) |NO COMPARABLE COURSE OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 12A Organic Chemistry CHEM 118B Org Chem, Hlth & Sci (4) CHEM 12A & Organic Chemistry CHEM 12B Organic Chemistry (5) (5) CHEM 12BOrganic Chemistry(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 12BOrganic Chemistry(5) _____ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) MATH 1 Calculus I (4) MATH 2 Calculus II MATH 21A Calculus (5) MATH 21B Calculus (4) PHYSICS 7A General Physics (4) PHYSC 2A & General Physics (4)

 PHYSICS /A
 General Physics
 (1) Physic 2A
 General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYSC 2A
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYSC 2A
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYSC 2A
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYSC 2A
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYSC 2B
 General Physics
 (4)

 PHYSICS 7C
 General Physics
 (4)
 PHYSC 2B
 General Physics
 (4)

 PHYSIC 2B
 General Physics
 (4)
 PHYSC 2B
 General Physics
 (4)

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

_____ RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus

(4) MATH 3 Vector Calculus (4)

END OF MAJOR

====Biological Systems Engineering B.S.==== 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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
	Classical Physics Classical Physics	İ		
			Waves, Sound, and Thermodynamics	
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)

a) BIOLSCI 2A Intro Biology:Life (5)|BIOL 1 Core Biology (4)on Earth _____ a) CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) a) CHEM 2B Genl Chemistry (5)|CHEM 1A を General Chemistry (5) CHEM 1B General Chemistry (5) a) ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE a) ENGIN 17 Circuits I (4) ENGR 6 Engineering (4) ENGR 6 Engineering Circuit (4) Analysis a) ENGIN 35 Statics (4) ENGR 8 Statics (3) ______ a) UWRITING 1 Expository Writing (4) ENG 1A Reading and Composition (3)

Only courses comparable to UWP 1 can be used to satisfy the lower-division composition requirement for Biological Systems Engineering students. One of the two courses taken to satisfy University of California admission requirements must be comparable to UWP 1.

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) OR OR OR a) COMUNCN 3 Intprsnl Com Cmpetnce (4) COM ST 3 Interpersonal (3) Communication

REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief OR	(2) NO COMPARABLE COURSE
a) CHEM 118A	Org Chem, Hlth & Sci AND	(4) CHEM 12A Organic Chemistry (5) AND
a) CHEM 8B	Organic Chem-Brief OR	(4) NO COMPARABLE COURSE
a) CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 12A <u>&</u> Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
		(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
a) BIOLSCI 2B	Ecology & Evolution	(5)BIOL 1 & Core Biology(4)BIOL 2 & General Zoology(5)BIOL 3General Botany(4)
a) BIOLSCI 2C	AND Intro Biology: Biodiversity & the Tree of Life	AND (5) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)

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

a) This articulation is approved for engineering majors.

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

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 2016-18

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

AP and IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1 Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2 Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3 Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(4)
a) MATH 22A	Linear Algebra	3) MATH 5 Linear Algebra	(3)
	Differntl Equations	(3) MATH 4 Differential Equation	
		5) PHYSC 4A Principles of Phys Mechanics	
a) PHYSICS 9B	Classical Physics	5) PHYSC 4B Principles of Phys Waves, Sound, and Thermodynamics	sics: (4)
		5) PHYSC 4C Principles of Phys Electricity and Magnetism	
a) CHEM 2A		(5) CHEM 1A General Chemistry	(5)
		(5) CHEM 1A & General ChemistryCHEM 1BGeneral Chemistry(5) CHEM 1BGeneral Chemistry	(5)
· 			
a) CHEM 8A	Organic Chem-Brief	2) NO COMPARABLE COURSE	
a) CHEM 8B	Organic Chem-Brief OR	(4) NO COMPARABLE COURSE	
a) CHEM 118A a) CHEM 118B	Org Chem, Hlth & Sci	(4)CHEM 12AOrganic Chemistry(4)CHEM 12AOrganic Chemistry(CHEM 12BOrganic Chemistry	(5) (5)
a) ENGIN 17	Engr Prob Solving Circuits I	(4) NO COMPARABLE COURSE (4) ENGR 6 Engineering Circuit Analysis	
a) BIOLSCI 2A		(5) BIOL 1 Core Biology 	(4)
		(4) ENG 1A Reading and Composit	
a) ENGLISH 3	Intro to Lit	(4) ENG 1B Written Communication II: A Critical Introduction to	ons (3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

_____ **REQUIRED FOR GRADUATION:** Intro Biomedical Engr (2) NO COMPARABLE COURSE a) BIMEDEN 1 Fundamentals of (4) NO COMPARABLE COURSE a) BIMEDEN 20 Bioengineering _____ 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

a) This articulation is approved for engineering majors.

====Biotechnology 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. 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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4)
	& Evolution		BIOL 2 & General Zoology (5)
			BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5)
	Biodiversity & the Tree of Life		BIOL 3 General Botany (4)
BIOTECH 1Y	Introduction to	(4)	NO COURSE ARTICULATED: College has not
	Biotechnology		submitted course(s) for articulation
CHEM 2A G	enl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B G	enl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			CHEM 1B General Chemistry (5)
CHEM 2C G	enl Chemistry	(5)	CHEM 1B General Chemistry (5)
CHEM 8A 0	rganic Chem-Brief	(2)	NO COMPARABLE COURSE
	rganic Chem-Brief		NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
	OR		OR

CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			OR
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus		MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
The de beechlu			welsts an antiwa whereign gavies 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.

COURSEWORK FOR BIOINFORMATICS OPTION:

	COURSEWORK FOR E	OINFORMATICS OPT	ION:	
ENG CS 20	C Sci/Discrete Math		crete Structures for puter Science	(3)
ENG CS 30	Programming&Prob Solving	(4) CSP 26A J OR	AVA Programming	(3)
		CSP 31A C	++ Programming I	(3)
As of F18	, Course Number = ENG CS	6A		
	RESTRICTED ELECTIVES FC	BIOINFORMATICS	OPTION:	
ENG CS 40	Sftwr/Obj-Orien:C++	(4) CSP 31B C	++ Programming II	(3)
As of F18	, Course Number = ENG CS	6в		
ENG CS 50	Machine Dependent Prog		sembly Language ogramming	(3)
ENG CS 60	Data Structures & Programming	, ,	ata Structures with ava	(3)
As of F18	3, Course Number = ENG CS	-		

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{General \ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

PHYSICS 7B PHYSICS 7C It is highl their commu series befo series may Davis, and physics.	Calculus General Physics General Physics General Physics ly recommended that student unity college that is equiv ore transferring. Students be required to take additi will need to meet with a U	(4) (4) (4) (4) s col alen who onal C Da ⁻ 	MATH 2 Calculus I PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2B General Physics PHYSC 2B General Physics PHYSC 2B General Physics PHYSC 2B General Physics mplete an entire physics series at t t to the entire UC Davis Physics 7/2 transfer without completing an ent physics courses upon arrival at U vis advisor before continuing with MDED: MATH 3 Vector Calculus	(4 A/B/0 ire C
MATH 21B PHYSICS 7A PHYSICS 7B PHYSICS 7C It is highl their commu series befo series may Davis, and	Calculus General Physics General Physics General Physics ly recommended that student unity college that is equiv ore transferring. Students be required to take additi	(4) (4) (4) (4) s con alen who onal	MATH 2 Calculus II PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2A & General Physics PHYSC 2A & General Physics PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2B General Physics mplete an entire physics series at t to the entire UC Davis Physics 72 transfer without completing an enti- physics courses upon arrival at UC	(4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4) C
MATH 21B PHYSICS 7A PHYSICS 7B PHYSICS 7C It is highl their commu series befo series may	Calculus General Physics General Physics General Physics ly recommended that student unity college that is equiv ore transferring. Students be required to take additi	(4) (4) (4) (4) s con alen who onal	MATH 2 Calculus II PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2A & General Physics PHYSC 2A & General Physics PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2B General Physics mplete an entire physics series at t to the entire UC Davis Physics 72 transfer without completing an enti- physics courses upon arrival at UC	(4 (4 (4 (4 (4 (4 (4 (4 (4 (4) (4) C
MATH 21B PHYSICS 7A PHYSICS 7B PHYSICS 7C It is highl their commu series befo	Calculus General Physics General Physics General Physics ly recommended that student unity college that is equiv ore transferring. Students	(4) (4) (4) (4) s con alen who	MATH 2Calculus IIPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral PhysicsImplete an entire physics series att to the entire UC Davis Physics 7.transfer without completing an entire	(4 (4 (4 (4 (4 (4 (4 (4 (4 A/B/0
MATH 21B PHYSICS 7A PHYSICS 7B PHYSICS 7C It is highl their commu	Calculus General Physics General Physics General Physics ly recommended that student unity college that is equiv	(4) (4) (4) (4) s con alen	MATH 2Calculus IIPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral PhysicsThe entire physics series att to the entire UC Davis Physics 7.	(4 (4 (4 (4 (4 (4 (4 (4
MATH 21B PHYSICS 7A PHYSICS 7B PHYSICS 7C	Calculus General Physics General Physics General Physics	(4) (4) (4) (4)	MATH 2Calculus IIPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2BGeneral Physics	(4 (4 (4 (4 (4 (4
MATH 21B PHYSICS 7A PHYSICS 7B	Calculus General Physics General Physics	(4) (4) (4)	MATH 2Calculus IIPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2BGeneral PhysicsPHYSC 2A & General PhysicsPHYSC 2A & General Physics	(4 (4 (4 (4 (4 (4
MATH 21B PHYSICS 7A PHYSICS 7B	Calculus General Physics General Physics	(4) (4) (4)	MATH 2 Calculus II PHYSC 2A & General Physics PHYSC 2B General Physics PHYSC 2A & General Physics PHYSC 2B General Physics	(4 (4 (4 (4 (4
MATH 21B PHYSICS 7A	Calculus General Physics	(4) (4)	MATH 2 Calculus II PHYSC 2A <u>&</u> General Physics PHYSC 2B General Physics PHYSC 2A <u>&</u> General Physics	(4 (4 (4 (4
MATH 21B 	Calculus	(4)	MATH 2 Calculus II PHYSC 2A <u>&</u> General Physics	(4 (4
MATH 21B 	Calculus	(4)	MATH 2 Calculus II	(4
MATH 21A	Calculus	(-)		(5
	-	(4)	MATH 1 Calculus I	
	OR		submitted course(s) for articulat.	lon
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	
			submitted course(s) for articulat	ion
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has	
МАТН 17А	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulat.	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12BOrganic ChemistryCHEM 12BOrganic Chemistry	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry	
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry	(5
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE	
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE	
		(5)		
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry CHEM 1B General Chemistry	(5 (5
CHEM 2B	Genl Chemistry		CHEM 1A & General Chemistry	(5
 CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5
	of Life		General Botally	(4
	Intro Biology: Biodiversity & the Tree		BIOL 2 & General Zoology BIOL 3 General Botany	(5
BIOLSCI 2C			BIOL 3 General Botany	(4
BIOLSCI 2C	& Evolution		BIOL 2 & General Zoology	(4 (5
		(5)	BIOL I 🖉 COLE BIOLOGY	11
BIOLSCI 2B BIOLSCI 2C	Earth Intro Biology: Ecology	(5)	 BIOL 1 <u>&</u> Core Biology	

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21B	Calculus	(4) MATH 2 Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3 Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4 Differential Equations	(4)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physics Mechanics	: (4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics Waves, Sound, and Thermodynamics	: (4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics Electricity and Magnetism	: (4)
a) CHEM 2A a) CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	CHEM 1BGeneral Chemistry(5)CHEM 1BGeneral Chemistry	(5) (5)
a) CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry	(5)
a) CHEM 128B	Organic Chemistry	(3) CHEM 12A <u>&</u> Organic Chemistry CHEM 12B Organic Chemistry	(5) (5)
a) CHEM 129A	Organic Chem Lab	(2) CHEM 12A Organic Chemistry	(5)
ENG CHM 60 Er	ngineering Problem Solv OR	(4) OR	
a) ENG CS 30		(4) CSP 26A JAVA Programming OR	(3)
	OR	CSP 31A C++ Programming I OR	(3)
a) ENGIN 6		(4) NO COMPARABLE COURSE	

Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

_____ (4) ENGR 6 Engineering Circuit (4) Analysis ENGIN 17 Circuits I OR OR (4) ENGR 8 Statics ENGIN 35 Statics (3) OR OR (4) ENGR 4 Engineering Materials (4) a) ENGIN 45 Prop of Mats _____ a) UWRITING 1 Expository Writing (4) | ENG 1A Reading and Composition (3) OR OR a) ENGLISH 3 Intro to Lit (4) ENG 1B Written Communications (3) II: A Critical Introduction to Literature

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two

courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1 	Core Biology	(4)

REQUIRED FOR GRADUATION:

a) ENG CHM 51	Material Balances	(4) NO COMPARABLE	COURSE
a) ENG CHM 80	Chem Engr Profession	(1) NO COMPARABLE	COURSE

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

a) This articulation is approved for engineering majors.

====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 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry (
CHEM 2B	Genl Chemistry	(5) CHEM 1A & General Chemistry (
		CHEM 1B General Chemistry (
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry (
	OR	OR
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH		(5) NO COMPARABLE COURSE
СНЕМ 2СН 	Honors Genl Chemistry	(5) NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	
		Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics: (
		Waves, Sound, and
		Thermodynamics
PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics: (
		Electricity and
		Magnetism
9D	Modern Physics	(4) NO COMPARABLE COURSE
MATH 21A	Calculus	(4) MATH 1 Calculus I (
MATH 21B	Calculus	(4) MATH 2 Calculus II (
MATH 21C	Calculus	(4) MATH 3 Vector Calculus (
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus (
MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra (
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has n
		submitted course(s)for articulation
МАТН 22В	Differntl Equations	(3) MATH 4 Differential Equations (
 CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry (
	Organic Chemistry	(3) CHEM 12A & Organic Chemistry (
CHEM 128B		
CHEM 128B		CHEM 12B Organic Chemistry (

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 12	A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 12	A <u>&</u>	General Chemistry	(5)
			CHEM 1	в	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1	В	General Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COM	PARA	ABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COM	PARA	BLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COM	PARA	BLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYSC	2. A. S.	General Physics	(4)
		(-)	PHYSC :	_		(4)
PHYSICS 7B	General Physics	(4)	PHYSC :	2A &	-	(4)
			PHYSC 3	2в	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC :	2A &	General Physics	(4)
			PHYSC 3	2в 🗌	General Physics	(4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B 	Principles of Physics: (4) Waves, Sound, and Thermodynamics

PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics: (4) Electricity and Magnetism
MATH 16A	Short Calculus	(3) MATH 13 Survey of Calculus (4) OR
		MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3) MATH 2 Calculus II (4)
MATH 16C	Short Calculus	(3) MATH 2 Calculus II (4)
	OR	OR
MATH 17A	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
	OR	OR
MATH 21A	Calculus	(4) MATH 1 Calculus I (5)
MATH 21B	Calculus	(4) MATH 2 Calculus II (4)
MATH 21C	Calculus	(4) MATH 3 Vector Calculus (4)
CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3) CHEM 12A & Organic Chemistry (5)
	organie chemipery	CHEM 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3) CHEM 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2) CHEM 12A Organic Chemistry (5)
CHEM 129R	Organic Chem Lab	(2) CHEM 12A & Organic Chemistry (5)
		CHEM 12B Organic Chemistry (5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A & General Chemistry	(5)
		CHEM 1B General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry	(5)
	OR	OR	
CHEM 2AH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5) NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physi	cs: (4)
		Mechanics	
PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physi	cs: (4)
		Waves, Sound, and	
		Thermodynamics	
PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physi	cs: (4)
		Electricity and	
		Magnetism	
MATH 21A	Calculus	(4) MATH 1 Calculus I	(5)
MATH 21B	Calculus	(4) MATH 2 Calculus II	(4)
MATH 21C	Calculus	(4) MATH 3 Vector Calculus	(4)
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(1)
MATH 22A			(4)
PIATII 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(4) (3)
MATH 22AL	Linear Algebra Lin Alg Comp Lab	(3) MATH 5 Linear Algebra (1) NO COURSE ARTICULATED: College	(3)
	-	-	(3) has not
	-	(1) NO COURSE ARTICULATED: College	(3) has not tion
MATH 22AL MATH 22B	Lin Alg Comp Lab Differntl Equations	<pre>(1) NO COURSE ARTICULATED: College submitted course(s)for articula (3) MATH 4 Differential Equation</pre>	(3) has not tion s (4)
MATH 22AL	Lin Alg Comp Lab Differntl Equations Organic Chemistry	 (1) NO COURSE ARTICULATED: College submitted course(s)for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry 	(3) has not tion s (4)
MATH 22AL MATH 22B CHEM 128A	Lin Alg Comp Lab Differntl Equations	 (1) NO COURSE ARTICULATED: College submitted course(s)for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry (3) CHEM 12A & Organic Chemistry 	(3) has not tion s (4) (5) (5)
MATH 22AL MATH 22B CHEM 128A	Lin Alg Comp Lab Differntl Equations Organic Chemistry Organic Chemistry	 (1) NO COURSE ARTICULATED: College submitted course(s)for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry (3) CHEM 12A Corganic Chemistry (2) CHEM 12B Organic Chemistry 	(3) has not tion s (4) (5) (5) (5)
MATH 22AL MATH 22B CHEM 128A CHEM 128B	Lin Alg Comp Lab Differntl Equations Organic Chemistry	 (1) NO COURSE ARTICULATED: College submitted course(s)for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry (3) CHEM 12A & Organic Chemistry 	(3) has not tion s (4) (5) (5)
MATH 22AL MATH 22B CHEM 128A CHEM 128B CHEM 128C	Lin Alg Comp Lab Differntl Equations Organic Chemistry Organic Chemistry Organic Chemistry	 (1) NO COURSE ARTICULATED: College submitted course(s) for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry (3) CHEM 12A & Organic Chemistry (3) CHEM 12B Organic Chemistry (3) CHEM 12B Organic Chemistry (2) CHEM 12A Organic Chemistry 	(3) has not tion s (4) (5) (5) (5) (5)
MATH 22AL MATH 22B CHEM 128A CHEM 128B CHEM 128C CHEM 129A	Lin Alg Comp Lab Differntl Equations Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	 (1) NO COURSE ARTICULATED: College submitted course(s) for articula (3) MATH 4 Differential Equation (3) CHEM 12A Organic Chemistry (3) CHEM 12A & Organic Chemistry (3) CHEM 12B Organic Chemistry (3) CHEM 12B Organic Chemistry (2) CHEM 12A Organic Chemistry 	(3) has not tion s (4) (5) (5) (5) (5) (5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 2016-18

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

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	• •	CHEM 1A CHEM 1A <u>&</u>	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B	General Chemistry General Chemistry OR	(5) (5)
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARA NO COMPARA NO COMPARA	BLE COURSE BLE COURSE	
PHYSICS 7A	General Physics	(4)	PHYSC 2A <u>&</u> PHYSC 2B	-	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A &	General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A <u>&</u> PHYSC 2B	General Physics General Physics	(4) (4)

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

	OR		OR
PHYSICS 9A	Classical Physics	(5) PHYSC 4A	Principles of Physics: (4)
			Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B	Principles of Physics: (4)

PHYSICS 9C	Classical Physics	(5)	 PHYSC 4C 	Waves, Sound, and Thermodynamics Principles of Physics: Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	-	(4)
		(2)		Calculus I	(5)
MATH 16B MATH 16C	Short Calculus Short Calculus		MATH 2 MATH 2	Calculus II	(4)
MAIN IOC	OR	(3)	MAIN Z	Calculus II OR	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
		(-)		course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has	
				course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
	OR			OR	
	Calculus	(4)	MATH 1		(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II Vector Calculus	(4)
MATH 21C	Calculus	(4)	MAIH 3 	vector calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
	Elementary Statistics STATIST 13Y	(4)	MATH 12 OR	Introduction to Probability and Statistics	(4)
			PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)
CTATION 20	OR Stat Anlys Thru Comp	(1)			
	title = Gateway to Data Sc			ADLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A	🖌 Organic Chemistry	(5)
			CHEM 12B		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry		CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A		(5)
CHEM 128C	Organic Chemistry	(2)	CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128C CHEM 129A	Organic Chem Lab		CHEM 12B	5 1	(5) (5)
CHEM 129R	Organic Chem Lab		CHEM 12A		(5)
		(=)	CHEM 12B		(5)

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. See the 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 2016-18 <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 Chemist	cry (5)	CHEM	1A		General (Chemistry	(5)
CHEM 2B Genl Chemist	(5)	CHEM	1A s	ż	General (Chemistry	(5)
		CHEM	1B	_	General (Chemistry	(5)
CHEM 2C Genl Chemist	cry (5)	CHEM	1B		General (Chemistry	(5)
OR					O	R	
CHEM 2AH Honors Genl	Chemistry (5)	NO CC	MPAF	RAB	LE COURSI	E	
CHEM 2BH Honors Genl	Chemistry (5)	NO CC	MPAR	RAB	LE COURSI	E	
CHEM 2CH Honors Genl	Chemistry (5)	NO CC	MPAF	RAB	LE COURSI	E	
PHYSICS 7A General F	Physics (4)	PHYSC	2 2 A	&	General	Physics	(4)
		PHYSC	2B		General	Physics	(4)
PHYSICS 7B General F	Physics (4)	PHYSC	2 2 A	&	General	Physics	(4)
		PHYSC	2B		General	Physics	(4)
PHYSICS 7C General F	Physics (4)	PHYSC	2 2 A	&	General	Physics	(4)
		PHYSC	2B		General	Physics	(4)

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

	OR				OR
PHYSICS 9A	Classical	Physics (5) PHYSC	4A	Principles of Physics: (4)
					Mechanics
PHYSICS 9E	B Classical	Physics (5) PHYSC	4B	Principles of Physics: (4)
			ĺ		Waves, Sound, and
			Í		Thermodynamics
PHYSICS 90	Classical	Physics (5) PHYSC	4C	Principles of Physics: (4)
			Í		Electricity and

				Magnetism	
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus	(4)
			1	Calculus I	(5)
MATH 16B	Short Calculus			Calculus II	(4)
MATH 16C	Short Calculus OR	(3)	MATH 2	Calculus II OR	(4)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College ha course(s) for articulat	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College ha course(s) for articulat	as not
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College ha course(s) for articulat	as not
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3 	Vector Calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 		(4)
ENV TOX 20	Introduction to Forensic Science	(3)		ARTICULATED: College ha course(s) for articula	
	Elementary Statistics STATIST 13Y	(4)	ļ	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYCH 2 	Statistical Methods fo Psychology and Social Science	or (3)
	OR			OR	
	Stat Anlys Thru Comp	(4)	NO COMPARA	ABLE COURSE	
AS OL PIO,	title = Gateway to Data So	cienc	e 		
CHEM 118A	title = Gateway to Data So Org Chem, Hlth & Sci				(5)
	Org Chem, Hlth & Sci	(4)	 CHEM 12A	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4)	CHEM 12A CHEM 12A <u>8</u> CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5)
CHEM 118A	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4)	CHEM 12A CHEM 12A <u>8</u>	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5)
CHEM 118A CHEM 118B CHEM 118C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	(4) (4) (4)	CHEM 12A CHEM 12A 2 CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry OR	(5) (5) (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4) (4) (3)	CHEM 12A CHEM 12A <u>8</u> CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry	(5) (5)
CHEM 118A CHEM 118B CHEM 118C CHEM 128A	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry	(4) (4) (4) (3)	CHEM 12A CHEM 12A CHEM 12B CHEM 12B CHEM 12A	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry	(5) (5) (5)
CHEM 118A CHEM 118B CHEM 118C CHEM 128A	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (3) (3) (3)	CHEM 12A CHEM 12B CHEM 12B CHEM 12B CHEM 12A CHEM 12A CHEM 12A CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5) (5) (5)
CHEM 118A CHEM 118B CHEM 118C CHEM 128A CHEM 128B CHEM 128C CHEM 129A	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (3) (3) (3) (3) (2)	CHEM 12A CHEM 12B CHEM 12B CHEM 12B CHEM 12A CHEM 12A CHEM 12B CHEM 12B CHEM 12B CHEM 12A	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5) (5) (5) (5) (5) (5)
CHEM 118A CHEM 118B CHEM 118C CHEM 128A CHEM 128B CHEM 128C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (3) (3) (3) (3) (2)	CHEM 12A CHEM 12B CHEM 12B CHEM 12B CHEM 12A CHEM 12A CHEM 12A CHEM 12B CHEM 12B	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(5) (5) (5) (5) (5) (5) (5)

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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) HIST 31 Mexican-American (3) History
CHICANO 50	Chicano Culture	(4) NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues OR	(4) NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

END OF MAJOR	int sp	pan Nat	Spk	ΤT	(5) NO	COMPARABLE	COURSE
SPANISH 32	Int Cr	nan Nat	Col	тт	(E) INO	COMPARABLE	COUDEE
SPANISH 31	Int Sp	pan Nat	Spk	I	(5) NO	COMPARABLE	COURSE

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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) HIST 31 Mexican-American (3) History
CHICANO 50	Chicano Culture	(4) NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4) NO COMPARABLE COURSE
	OR	OR
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

	ONE COURSE F	ROM THE FOLLOWING:
	Representn in Cinema	(4) NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	-	(4) NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE
	ONE COURSE F	ROM THE FOLLOWING:
CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41		(4) PSYCH 4 Introduction to (3) Research Methods in Psychology
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE
		(5) SPAN 1 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5) SPAN 1 & Elementary Spanish I (5) SPAN 2 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish OR	(5) SPAN 2 Elementary Spanish II (5) (5) SPAN 2 Elementary Spanish II (5) OR
		(2) NO COMPARABLE COURSE
SPANISH 31		(5) NO COMPARABLE COURSE
SPANISH 32 END OF MAJO		(5) NO COMPARABLE COURSE

====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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

\			· · - · - · - · - · - · - · -	
				CHIN 1 Elementary Chinese I (5)
x) CHINESE	2			CHIN 1 & Elementary Chinese I (5)
	-		<i>.</i>	CHIN 2 Elementary Chinese II (5)
x) CHINESE	3	Elem Chinese	(5)	CHIN 2 Elementary Chinese II (5)
				CHIN 3 Intermediate Chinese I (5)
x) CHINESE	5	Inter Chinese		CHIN 3 & Intermediate Chinese I (5)
				CHIN 4 Intermediate Chinese IV (5)
x) CHINESE	6		(5)	CHIN 4 Intermediate Chinese IV (5)
		OR		OR
x) CHINESE	1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE	2BL	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
		II		
x) CHINESE	3BL	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
		III		
		OR		OR
		Mand/Cant Spkrs I		
x) CHINESE	2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE	3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE
		RECOMMENDED COU	IRSES	FOR THIS MAJOR:
OUTNEOF 10	14		(1)	
		odern Lit (in Engl)		
		t Bks China (Engl)		
		ntro to Literature	(4)	INO COMPARABLE COURSE
Same as			(2)	
		ntro Poetry		
		sterworks in English		
LINGUIS I	In	tro Linguistics	(4)	HUM 4 Introduction to (3)
				Linguistics
				Same as: ANTHR 4
HISTORY 9A	E	ast Asian Civ	(4)	NO COMPARABLE COURSE

END OF MAJOR

before enrolling in UC Davis Chinese language courses; duplication of coursework may result.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CINE&TS 12 Media Computation Same as: ENG CS 12	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CINE&TS 20 Filmmaking Foundations	(5) NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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)		ARTICULATED: College has not course(s) for articulation
Former	ly Humanities 10			
TCULST 1	Intro Technocultural	(4)		ARTICULATED: College has not
	Studies			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:

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A 	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B 	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)
			General Chemistry	
a) CHEM 2B	Genl Chemistry		General Chemistry General Chemistry	(5) (5)
	Engr Prob Solving OR		OR	
a) ENG CS 30	Programming&Prob Solving	(4) CSP 26A OR	JAVA Programming	(3)
			C++ Programming I	(3)

Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring

in engineering, physical sciences, or mathematics.

a) ENGIN 35	Statics	(4) ENGR 8	Statics	(3)
a) UWRITING 1	Expository Writing OR	(4) ENG 1A 	Reading and Composition OR	(3)
a) ENGLISH 3	Intro to Lit	(4) ENG 1B	Written Communications II: A Critical Introduction to Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) OR OR OR a) COMUNCN 3 Intprsnl Com Cmpetnce (4) COM ST 3 Interpersonal (3) Communication

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

a) This articulation is approved for engineering majors.

====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 information.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/Early Gr	(4) NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4) NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4) NO COMPARABLE COURSE

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A Art History: Europe from (3)
			Prehistory to 1400
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in	(4)	NO COMPARABLE COURSE
	Classical Antiquity		
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as:	SCI&TEC 50	-	

COMPLIT 1 Ma	jor Books-Ancient	(4) NO	COMPARABLE	COURSE
Wo	rld			
PHILOS 21 Pł	il: Ancient	(4) NO	COMPARABLE	COURSE
•	e = Phil Classics:			
REL STD 21 H	ebrew Scriptures	(4) NO	COMPARABLE	COURSE
As of F18, tit]	e = The Bible			
REL STD 40 N	lew 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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

LATIN 1 Elementary Latin (5) NO COMPARABLE COURSE

	-	Bremencary	Lacin
LATIN	2	Elementary	Latin

(5) NO COMPARABLE COURSE (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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 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 2016-18 General Catalog . Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

ENGLISH 3 UWRITING 1	Intro to Lit OR Expository Writing	()	ENG 1B ENG 1A	Written Communications II: A Critical Introduction to Literature OR Reading and Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A	Public Speaking	(3)
BIOLSCI 2A BIOLSCI 2B	Earth		 BIOL 1 <u>&</u> BIOL 2 <u>&</u>	Core Biology Core Biology General Zoology General Botany	(4) (4) (5) (4)
CHEM 2A CHEM 2B CHEM 2C CHEM 8A CHEM 8B	Genl Chemistry Genl Chemistry Genl Chemistry Organic Chem-Brief Organic Chem-Brief	(5) (5) (2)	CHEM 1A <u>&</u> CHEM 1B CHEM 1B NO COMPAR	General Chemistry General Chemistry General Chemistry General Chemistry ABLE COURSE ABLE COURSE	(5) (5) (5) (5)
	Princ of Microecon OR Princ of Macroecon			Principles of Microeconomics OR Principles of Macroeconomics	(3)
 РЅҮСН 1	General Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)

SOCIOL 1 Intro Sociology (5)|SOCIO 1A Introduction to (3) Sociology OR OR SOCIOL 3 Social Problems (4) SOCIO 1B Problems of a Changing (3) Society OR OR ANTHRO 2 Cultural Anthropology (4) ANTHR 1 Cultural Anthropology (3) As of W17, units=5 _____ STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) ļ Probability and Same as: STATIST 13Y Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science _____

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)	1	Introduction to (3) Linguistics s: ANTHR 4
PHILOS 10 PHILOS 12 PHILOS 13G	Intro Cognitive Science Intro to Symbol Logic Minds, Brains Comp w/Disc	(4)	submitted PHILO 30 NO COURSE	ARTICULATED: College has not course(s)for articulation Introductory Logic (3) ARTICULATED:College has not course(s)for articulation
	General Psychology Research Methods		PSYCH 1 PSYCH 4 	Introduction to (3) Psychology Introduction to (3) Research Methods in Psychology
	Elementary Statistics STATIST 13Y	(4)	MATH 12 <u>OR</u> PSYCH 2 	Introduction to (4) Probability and Statistics Statistical Methods for (3) Psychology and Social Science

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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

	Emphasis 3	1: Co	mputational	1	
ENG CS 20	C Sci/Discrete Math			Discrete Structures for	(3)
			·	Computer Science	
ENG CS 30	Programming&Prob Solving	g (4)		JAVA Programming	(3)
			<u>OR</u> CSP 31A	C++ Programming I	(3)
As of F1	18, Course Number = ENG CS	36A	CSP SIA	C++ PIOGIANNIIIG I	(3)
ENG CS 40	Sftwr/Obj-Orien:C++		CSP 31B	C++ Programming II	(3)
As of F1	18, Course Number = ENG CS		1	5 5	
ENG CS 50	Machine Dependent Prog	(4)	CSP 25	Assembly Language	(3)
				Programming	
ENG CS 60	Data Structures &	(4)	CSP 26B	Data Structures with	(3)
کم of E1	Programming L8, Course Number = ENG CS	360		Java	
LINGUIS 1	Intro Linguistics	(4)	HUM 4	Introduction to	(3)
	5	. ,		Linguistics	. ,
			Same a	s: ANTHR 4	
MATH 17A	Calculus for BioSci	(4)	1	ARTICULATED: College has	
MATH 17B	Calculus for Biosci	(4)		course(s) for articulat. ARTICULATED: College has	
MAIN 17D	Carcuius for Broser	(1)		course(s) for articulat.	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus			Calculus II	(4)
				Tinona Alachus	(2)
MATH 22A MATH 22AL	Linear Algebra Lin Alg Comp Lab		·	Linear Algebra ARTICULATED: College has	(3) g not
	HIII AIG COMP Hab	(1)	1	course(s) for articulation	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE	ARTICULATED: College has	s not
				course(s)for articulation	on
PHILOS 12	Intro to Symbol Logic			Introductory Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		ARTICULATED:College has	
	w/DISC			course(s)for articulati	
PSYCH 1	General Psychology	(4)	PSYCH 1	Introduction to	(3)
	1 01			Psychology	
PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to	(3)
				Research Methods in	
				Psychology	
STATIST 13	Elementary Statistics	(1)	 MATH 12	Introduction to	(4)
	STATIST 13Y	(4)	MAIH 12	Probability and	(4)
ballie ub	BINIBI ISI			Statistics	
			OR		
			PSYCH 2	Statistical Methods fo:	r (3)
				Psychology and Social	
				Science	

	Emphasis	s <u>2</u> :	Neuroscience
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL 2 & General Zoology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 3General Botany(4)BIOL 2&General Zoology(5)BIOL 3General Botany(4)
LINGUIS 1	Intro Linguistics	(4)	HUM 4 Introduction to (3) Linguistics Same as: ANTHR 4
 МАТН 17А	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
MATH 21C	Calculus	(4)	MATH 3 Vector Calculus (4)
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 9A	OR Classical Physics	(5)	OR PHYSC 4A Principles of Physics: (4)
			Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C Principles of Physics: (4) Electricity and Magnetism
PSYCH 1	General Psychology	(4)	PSYCH 1 Introduction to (3) Psychology
PSYCH 41	Research Methods	(4)	PSYCH 4 Introduction to (3) Research Methods in Psychology
	Elementary Statistics STATIST 13Y	(4)	Probability and Statistics
			<u>OR</u> PSYCH 2 Statistical Methods for (3) Psychology and Social Science

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ANTHRO 4	Anthro Linguistics	(4) ANTHR 4 Introduction to (3) Linguistics Same as: HUM 4
		Salle as HOM 4
		OR
		HUM 4 Introduction to (3)
		Linguistics
		Same as: ANTHR 4
	OR	OR
LINGUIS 1	Intro Linguistics	(4) HUM 4 Introduction to (3) Linguistics
		Same as: ANTHR 4

COMUNCN 1 Intro Public Spkg OR	(4)	COM ST 1A Public Speaking (3) OR
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	COM ST 3 Interpersonal (3) Communication
OR		OR
COMUNCN 5 Global English Comm	(4)	NO COURSE ARTICULATED:College has not
Same as: LINGUIS 5		submitted course(s)for articulation
OR		OR
LINGUIS 5 Global English Comm	(4)	NO COURSE ARTICULATED:College has not
Same as: COMUNCN 5		submitted course(s)for articulation
COMUNCN 10Y Intro to Communication	(4)	NO COURSE ARTICULATED: College has not
	(=)	submitted course(s) for articulation
B) ENG CS 15 Intro to Computers	(4)	CS 11 Fundamentals of Computer (3) 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.

PHILOS 12	OR Intro to Symbol Logic	(4)	 PHILO 30	OR Introductory Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1 	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPAR <i>I</i> 	ABLE COURSE OR	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 12 	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	<u>c</u> (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 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 2016-18 <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)	COM ST 1A	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARA	BLE COURSE	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARA	BLE COURSE	
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARA	BLE COURSE	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARA	BLE COURSE	
ENGLISH 3	Intro to Lit		ENG 1B 	Written Communications II: A Critical Introduction to Literature	(3)
N A STD 5	Intro NA Literature	(4)	1		
	Expository Writing				(3)
UWRITING 18	Style in the Essay	(4)	NO COMPARA	BLE COURSE	
	Course Number = UWRITING 4				
	Wrtg Research Papers			Advanced Composition and Critical Thinking	(3)
As of F17, (Course Number = UWRITING 4	19	' 		
CM&RGDE 1	The Community	(4)		ARTICULATED: College has course(s) for articulati	
CM&RGDE 2	Ethnicity Amer Comm	(4)			(3
PL SCI 21	Computers in Technology OR	(3)	NO COMPARA: 		
B) ENG CS 1	5 Intro to Computers	(4)	·	undamentals of Computer	(3)
	note that the community co be identical to UC Davis		's compute		
may not upon tra deficien	be identical to UC Davis ansfer to UC Davis, may ne ncies.	cour ed to	e's compute ses. Commu o make up a	r science courses nity college students, ny topic or language	
may not upon tra deficien	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon	cour ed to	e's compute ses. Commu o make up a	r science courses nity college students, ny topic or language Principles of Microeconomics	(3)
may not upon tra deficien ECON 1A	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR	cour ed to (4)	e's compute: ses. Commu o make up a: ECON 1B ECON 1A	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics	
may not upon tra deficien ECON 1A : ECON 1B : ANTHRO 2	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology units=5	cour; ed t (4) (4)	e's compute: ses. Commu: o make up a: ECON 1B ECON 1A	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics Cultural Anthropology	(3)
may not upon tra deficies ECON 1A : ECON 1B : ANTHRO 2 As of W17, 1	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology	cour, ed t (4) (4) (4)	e's compute: ses. Commu o make up a: ECON 1B ECON 1A ANTHR 1	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics	(3)
may not upon tra deficies ECON 1A ECON 1B ECON 1B ANTHRO 2 As of W17, T SOCIOL 1 STATIST 13	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology units=5 OR	cour, ed t (4) (4) (4) (5)	e's compute: ses. Commu o make up a: ECON 1B ECON 1A ANTHR 1 SOCIO 1A MATH 12	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics Cultural Anthropology OR Introduction to Sociology	(3)
may not upon tra deficies ECON 1A ECON 1B ECON 1B ANTHRO 2 As of W17, T SOCIOL 1 STATIST 13	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology units=5 OR Intro Sociology Elementary Statistics STATIST 13Y	cour, ed t (4) (4) (4) (5)	e's computes ses. Commu o make up a: ECON 1B ECON 1A ANTHR 1 SOCIO 1A	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics Cultural Anthropology OR Introduction to Sociology Introduction to Probability and Statistics Statistical Methods for Psychology and Social Science	(3) (3) (3) (4)
may not upon tra deficies ECON 1A ECON 1A ECON 1B ANTHRO 2 As of W17, T SOCIOL 1 STATIST 13 Same as:	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology units=5 OR Intro Sociology Elementary Statistics STATIST 13Y	cour, ed t (4) (4) (5) (4)	e's computes ses. Commun o make up and ECON 1B ECON 1A ECON 1A ANTHR 1 SOCIO 1A MATH 12	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics Cultural Anthropology OR Introduction to Sociology Introduction to Probability and Statistics Statistical Methods for Psychology and Social Science OR	(3) (3) (3) (4)
may not upon tra deficien ECON 1A ECON 1A ECON 1B ANTHRO 2 As of W17, T SOCIOL 1 STATIST 13 Same as: STATIST 32	be identical to UC Davis ansfer to UC Davis, may ne ncies. Princ of Microecon OR Princ of Macroecon Cultural Anthropology units=5 OR Intro Sociology Elementary Statistics STATIST 13Y	cour, ed t (4) (4) (5) (5) (4)	e's computes ses. Communications make up and ECON 1B ECON 1A ECON 1A ECON 1A SOCIO 1A SOCIO 1A MATH 12 MATH 12	r science courses nity college students, ny topic or language Principles of Microeconomics OR Principles of Macroeconomics Cultural Anthropology OR Introduction to Sociology Introduction to Probability and Statistics Statistical Methods for Psychology and Social Science OR	(3) (3) (3) (4)

SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE

END OF MAJOR

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

====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 2016-18 General Catalog . 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) NO COMPARABLE COURSE
	OR	OR
COMPLIT 2	Major Books-Middle Ages	(4) NO COMPARABLE COURSE

		to Enlightenment				
COMPLIT	3	Major Books-The Modern Crisis	(4)	 NO 	COMPARABLE	COURSE
		OR		Ì		OR
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO	COMPARABLE	COURSE
		TWO COURSES FF	ROM !	THE	FOLLOWING:	
(CANNOT INCLUDE THE TWO REQUIRED COURSES TAKEN FROM THE COMPARATIVE LITERATURE 1-4 SERIES ABOVE):						
COMPLIT	1	Major Books-Ancient World	(4)	NO 	COMPARABLE	COURSE
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	NO	COMPARABLE	COURSE
COMPLIT	3	Major Books-The Modern Crisis	(4)	NO	COMPARABLE	COURSE
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO	COMPARABLE	COURSE
COMPLIT	5	Fairy Tales, Fables, Parables	(4)	NO	COMPARABLE	COURSE
COMPLIT	6	Myths & Legends	(4)	NO	COMPARABLE	COURSE
COMPLIT	7	Lit:Fant,Supernatl	(4)	NO	COMPARABLE	COURSE
COMPLIT	8	Iltopias Transform			COMPARABLE	
COMPLIT					COMPARABLE	
COMPLIT		Travel and Modern World	(4)			ICULATED: College has not
		GERMAN 11				rse(s)for articulation
COMPLIT					COMPARABLE	
COMPLIT	-	Dramatic Lit		1	COMPARABLE	
COMPLIT		1		1	COMPARABLE	
COMPLIT					COMPARABLE	
COMPLIT	24	Animals in Literature	(4)			ICULATED:College has not rse(s)for articulation
COMPLIT	25	Ethnic Writers	(4)	NO	COMPARABLE	COURSE
COMPLIT	53A		(4)	NO	COMPARABLE	COURSE
COMPLIT	53B	Lit of South Asia	(4)	NO	COMPARABLE	COURSE
COMPLIT	53C	Lit of the Islamic World	(4)			ICULATED: College has not rse(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:

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)

a) MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4 Differential Equation	s (4)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physic Mechanics	cs: (4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physic Waves, Sound, and Thermodynamics	cs: (4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physic Electricity and Magnetism	cs: (4)
a) PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE	
a) CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry	(5)
a) ENGIN 17	Circuits I	(4) ENGR 6 Engineering Circuit Analysis	(4)
a) ENG CS 20	C Sci/Discrete Math		r (3)
a) ENG CS 30	Programming&Prob Solving	(4) CSP 26A JAVA Programming OR	
a) ENG CS 40 a) ENG CS 60	Sftwr/Obj-Orien:C++ Data Structures & Programming	CSP 31A C++ Programming I (4) CSP 31B C++ Programming II (4) CSP 26B Data Structures with Java	(3)
a) UWRITING 1	Expository Writing OR	'	on (3)
a) ENGLISH 3	Intro to Lit	(4) ENG 1B Written Communication II: A Critical Introduction to Literature	s (3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg OR	(4) COM ST 1A 	Public Speaking OR	(3)
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COM ST 3 	Interpersonal Communication	(3)
		 . 		

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

a) This articulation is approved for engineering majors.

====Computer Science & Engineering B.S.==== 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 2016-18 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 2016-2018

<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.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A 	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B 	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)
	Modern Physics	(4) NO COMPA	RABLE COURSE	
a) CHEM 2A		(5) CHEM 1A	General Chemistry	
a) CHEM 2A a) ENGIN 17	Genl Chemistry Circuits I	(5) CHEM 1A (4) ENGR 6		(5)
a) CHEM 2A a) ENGIN 17 	Genl Chemistry Circuits I	(5) CHEM 1A (4) ENGR 6 	General Chemistry Engineering Circuit Analysis Discrete Structures for	(5) (4)
a) CHEM 2A a) ENGIN 17 	Genl Chemistry Circuits I C Sci/Discrete Math Programming&Prob	(5) CHEM 1A (4) ENGR 6 (4) CS 55	General Chemistry Engineering Circuit Analysis Discrete Structures for Computer Science	(5) (4)
a) CHEM 2A a) ENGIN 17 a) ENG CS 20	Genl Chemistry Circuits I C Sci/Discrete Math	(5) CHEM 1A (4) ENGR 6 (4) CS 55 (4) CSP 26A <u>OR</u> CSP 31A	General Chemistry Engineering Circuit Analysis Discrete Structures for Computer Science	(5) (4) (3)
 a) CHEM 2A a) ENGIN 17 a) ENG CS 20 a) ENG CS 30 a) ENG CS 40 a) ENG CS 50 	Genl Chemistry Circuits I C Sci/Discrete Math Programming&Prob Solving Sftwr/Obj-Orien:C++ Machine Dependent Prog Data Structures &	(5) CHEM 1A (4) ENGR 6 (4) CS 55 (4) CSP 26A CSP 31A (4) CSP 31B (4) CSP 25	General Chemistry Engineering Circuit Analysis Discrete Structures for Computer Science JAVA Programming C++ Programming I C++ Programming II Assembly Language Programming Data Structures with	(5) (4) (3) (3) (3) (3) (3) (3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3)

Only Communication 1 can be used to satisfy the communications requirement for this major. No credit will be allowed for Communication 3.

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

a) This articulation is approved for engineering majors.

====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.

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

Beginning fall 2018, all applicants to Computer Science will also be required to complete Engineering Computer Science (ENG CS) 50 and ENG CS 60 as part of the selective course group currently requiring a 3.40 GPA and including ENG CS 20 and 30.

Please visit the <u>Computer Science website</u> for additional tips on preparing for your transfer into this major.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	 МАТН 5	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
ENG CS 20	C Sci/Discrete Math	(4)	CS 55	Discrete Structures for	(3)
			-	Computer Science	(3)
ENG CS 30	Programming&Prob Solving	(4)	ļ		(3)
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	Computer Science	(-)
ENG CS 30	Programming&Prob Solving	(4)	ļ	Computer Science	(-)
	Programming&Prob Solving		CSP 26A	Computer Science JAVA Programming	(3)
As of F		36A	 CSP 26A <u>OR</u> CSP 31A	Computer Science JAVA Programming	(3)

ENG CS 50	Machine Dependent Prog	(4) CSP 25	Assembly Language	(3)
			Programming	
ENG CS 60	Data Structures &	(4) CSP 26B	Data Structures with	(3)
	Programming		Java	
As of F18	, Course Number = ENG CS	36C		

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.

ONE OF THE FOLLOWING GROUPS:

Group One:

CHEM 2A Genl Chemistry		1 1	(5)
CHEM 2B Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
		CHEM 1B General Chemistry	(5)
CHEM 2C Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
OR		OR	
Grc	oup T	wo:	
CHEM 2A Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B Genl Chemistry	(5)		(5)
		CHEM 1B General Chemistry	(5)
BIOLSCI 2A Intro Biology:Life on	(5)	BIOL 1 Core Biology	(4)
Earth			
OR		OR	
Grou	ıp Th	ree:	
CHEM 2AH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2CH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
OR		OR	
Grc	oup F	our:	
PHYSICS 9A Classical Physics	(5)	PHYSC 4A Principles of Physics:	(4)
		Mechanics	
PHYSICS 9B Classical Physics	(5)	PHYSC 4B Principles of Physics:	(4)
		Waves, Sound, and	
		Thermodynamics	
PHYSICS 9C Classical Physics	(5)	PHYSC 4C Principles of Physics:	(4)
		Electricity and	
		Magnetism	
MATH 21D Vector Analysis	(4)	-	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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. _____ _____ DESIGN 31 Photo for Designers (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ Intro to Design (4) NO COMPARABLE COURSE DESIGN 1 _____ DESIGN 14 Design Drawing (4) | NO COMPARABLE COURSE OR OR DESIGN 21 Drafting and Perspective (4) NO COMPARABLE COURSE _____ DESIGN 15 Form & Color (4) ART 6 Color and Design (3) AND AND DESIGN 16 Graphics & The Computer (4) NO COMPARABLE COURSE _____ DESIGN 40A Energy, Materials, (4) NO COURSE ARTICULATED: College has not Design submitted course(s) for articulation OR OR DESIGN 40B Ideologies of Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR DESIGN 40C Design Aesthetics/Exper (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____

ONE COURSE FROM THE FOLLOWING:

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

submitted course(s) for articulation Coding for Designers (4) NO COURSE ARTICULATED: College has not DESIGN 37 submitted course(s)for articulation Energy, Materials, (4) NO COURSE ARTICULATED: College has not DESIGN 40A Design submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not DESIGN 40B Ideologies of Design submitted course(s) for articulation DESIGN 40C Design Aesthetics/Exper (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation (4) NO COURSE ARTICULATED: College has not DESIGN 50 Intro to 3-D Design submitted course(s) for articulation DESIGN 70 Intro Textile Structure (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE _____ UWRITING 11 Pop Sci & Technol (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Wrtna OR OR UWRITING 12 Writing/Visual (4) NO COURSE ARTICULATED: College has not Rhetoric submitted course(s) for articulation OR OR UWRITING 18 Style in the Essay (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 48 OR OR Wrtg Research Papers (4) ENG 1D Advanced Composition and (3) UWRITING 19 Critical Thinking As of F17, Course Number = UWRITING 49

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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

ONE COURSE FROM THE FOLLOWING:

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

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

x) C	HINESE 1	Elem Chinese	(5)	CHIN	1		Elementary Chinese I	(5)
x) C	HINESE 2	Elem Chinese	(5)	CHIN	1	&	Elementary Chinese I	(5)
				CHIN	2		Elementary Chinese II	(5)
		OR					OR	
y) J	PNESE 1	Elem Japanese	(5)	JAPAN	J 1	-	Elementary Japanese I	(5)
y) J	PNESE 2	Elem Japanese	(5)	JAPAN	1]	<u>&</u>	Elementary Japanese I	(5)
				JAPAN	12	2	Elementary Japanese II	(5)

END OF MAJOR

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

_____ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1 Core Biology Earth | (4) BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 & Core Biology (4) BIOL 2 & General Zoology BIOL 3 General Botany & Evolution (5) BIOLSCI 2C Intro Biology: (5) BIOL 2 & General Zoology Biodiversity & the Tree BIOL 3 General Botany (4) (5) (4) of Life _____ CHEM 2AGenl Chemistry(5)CHEM 1AGeneral Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 1AGeneral Chemistry(5)CHEM 1BCHEM 1BGeneral Chemistry(5) PHYSICS 1APrinciples Physics(3) NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) NO COMPARABLE COURSE OR OR

 PHYSICS 7A
 General Physics
 (4)
 PHYSC 2A & General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYSC 2A & General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYSC 2A & General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYSC 2A & General Physics
 (4)

 PHYSICS 7B
 General Physics
 (4)
 PHYSC 2A & General Physics
 (4)

 PHYSICS 7B
 General Physics
 (1) PHYSC 2B
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 PHYSICS 7C
 General Physics
 (4) PHYSC 2A
 General Physics

 (4) (4) (4)

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

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	cion
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	cion
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
ENV S&P 1	Env Analysis	(4)	NO COURSE	ARTICULATED: College ha	as not
			submitted	course(s) for articulat	tion

PREPARATION FOR GRADUATION:

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.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

 ECON 1A
 Princ of Microecon
 (4) ECON 1B
 Principles of
 (3)

 ECON 1B
 Princ of Macroecon
 (4) ECON 1A
 Principles of
 (3)

 Macroeconomics
 Macroeconomics
 (3)

 STATIST 13
 Elementary Statistics
 (4) MATH 12
 Introduction to
 (4)

 Same as:
 STATIST 13Y
 Probability and Statistics
 Statistics

		P 	SYCH	2	Statistical Methods fo Psychology and Social Science	r (3)
	OR				OR	
STATIST 32	Stat Anlys Thru (Comp (4) N	O COI	MPARA	ABLE COURSE	
As of F18,	title = Gateway to I	Data Science				
MATH 16A	Short Calculus	(3) M		13	Survey of Calculus	(4)
			OR			
		M.	ATH :	1	Calculus I	(5)
MATH 16B	Short Calculus	(3) M	ATH :	2	Calculus II	(4)
	OR				OR	
MATH 21A	Calculus	(4) M	ATH I	1	Calculus I	(5)
MATH 21B	Calculus	(4) M	ATH 2	2	Calculus II	(4)

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

OR

-	Calculus Linear Algebra	(4) MATH (3) MATH			(4)
END OF MAJC	-		J	hinear Aigebra	(5)

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A 	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B 	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)
	Modern Physics		ABLE COURSE	
a) CHEM 2A		(5) CHEM 1A	General Chemistry	
		(4) ENGR 6	Engineering Circuit Analysis	(4)
a) ENG CS 30	Programming&Prob Solving	(4) CSP 26A OR	JAVA Programming	(3)
		CSP 31A	C++ Programming I	(3)

a) ENGIN 6	Engr Prob Solving	(4) NO COMPA	RABLE COURSE	
a) UWRITING 1	Expository Writing OR	(4) ENG 1A 	Reading and Composition OR	(3)
a) ENGLISH 3	Intro to Lit	(4) ENG 1B	Written Communications II: A Critical Introduction to Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg OR	(4) COM ST 1A 	Public Speaking OR	(3)
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COM ST 3	Interpersonal Communication	(3)

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

a) This articulation is approved for engineering majors.

====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

<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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENG 	1B	Written Communications II: A Critical Introduction to Literature OR	(3)
UWRITING 1	Expository Writing	(4)	ENG	1A	Reading and Composition	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 	46A	Survey of British Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENG 	42A	Survey of American Literature	(3)
			_	OR		
			ENG 	46B	Survey of British Literature II	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENG 	42B	Survey of American Literature	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40Intro Topics in Lit(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationENGLISH 43Intro Topics in Drama(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationENGLISH 44Intro Topics in Fiction(4) NO COMPARABLE COURSEENGLISH 45Intro Topics in Poetry(4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

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 2016-18 $\underline{\text{General Catalog}}$. 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 1 Core Biology (4
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4
	& Evolution		BIOL 2 & General Zoology (5
			BIOL 3 General Botany (4
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5
	Biodiversity & the Tree		BIOL 3 General Botany (4
	of Life		
CHEM 2A	Genl Chemistry		CHEM 1A General Chemistry (5
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5
			CHEM 1B General Chemistry (5
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
матн 16а	Short Calculus	(3)	MATH 13 Survey of Calculus (4 <u>OR</u>
			MATH 1 Calculus I (5
MATH 16B	Short Calculus	(3)	MATH 2 Calculus II (4
MATH 16C	Short Calculus OR	(3)	MATH 2 Calculus II (4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
MAIN 1/A	carcaras for brober	(1)	submitted course(s) for articulation
МАТН 17В	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no
	carcarab for brober	(1)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
		(-)	submitted course(s) for articulation
	OR		
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5
MATH 21B	Calculus		MATH 2 Calculus II (4
MATH 21C	Calculus		MATH 3 Vector Calculus (4
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
	Principles Physics		NO COMPARABLE COURSE
 CTATICT 12	Elementary Statistics	(1)	MATH 12 Introduction to (4
	STATIST 13Y	(1)	Probability and
Salle as	BIRIIBI ISI		Statistics
			PSYCH 2 Statistical Methods for (3 Psychology and Social Science
	OR		OR
STATIST 32	Stat Anlys Thru Comp		
As of F18,	title = Gateway to Data Sc	ienc	
	OR		OR
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

MATH 21A Calculus

(4) MATH 1 Calculus I

(5)

MATH 21BCalculus(4) | MATH 2Calculus II(4)MATH 21CCalculus(4) | MATH 3Vector Calculus(4)MATH 21DVector Analysis(4) | MATH 3Vector Calculus(4)MATH 22ALinear Algebra(3) | MATH 5Linear Algebra(3)MATH 22BDifferntl Equations(3) | MATH 4Differential Equations(4) _____ CHEM 2AGenl Chemistry(5) CHEM 1AGeneral Chemistry(5)CHEM 2BGenl Chemistry(5) CHEM 1AGeneral Chemistry(5) CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry General Chemistry (5) (5) _____ PHYSICS 9A Classical Physics (5) PHYSC 4A Principles of Physics: (4) Mechanics PHYSICS 9B Classical Physics (5) PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics _____ (4) | ENGR 8 Statics ENGIN 35 Statics (3) _____ ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE OR OR ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A

Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

ENGLISH 3	Intro to Lit	(4)	ENG 	1B	Written Communications II: A Critical Introduction to	(3)
			İ		Literature	
	OR		ĺ		OR	
UWRITING 1	Expository Writing	(4)	ENG	1A	Reading and Composition	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO (COMPAR	ABLE COURSE	
	OR		İ		OR	
e) GEOLOGY 50 t)	Physical Geology	(3)	GEOI 	L 1A	Physical Geology w/Lab	(4)

END OF MAJOR

- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

ENVHORT 1 ENVHORT 6	Intro Envhort/Urb For Intro Environ Plants			ABLE COURSE Plant Materials and	(3)
ENVIIONI	Incro Environ Flancs	(1)		Usage - Fall	(3)
			<u>Or</u> HORT 3	Plant Materials and	(3)
			1	Usage - Spring	(0)
LND ARC 30	History Environ Design	(4)		ARTICULATED: College has course(s) for articulati	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)		Core Biology	(4)
	& Evolution			General Zoology General Botany	
PL SCI 2	Bot Physio Cul Plt	(4)		Principles of Plant Science	(4) (3)
CHEM 2A	Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B 	General Chemistry	(5)
ENV S&P 1	Env Analysis OR	(4)		ARTICULATED: College has course(s) for articulati OR	
ENV S&P 10		(3)	NR2 I	Environmental Science	(3)
ENV S&P	10 not open for credit to OR	stude	ents who ha	ave completed ENV S&P 1 OR	
	Global Ecosystem ENV SC&M 30	(3)		ARTICULATED: College has course(s) for articulati	
PHYSICS 1A	Principles Physics	(3)	NO COMPARA	ABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARA	ABLE COURSE	
	Computers in Technology	(3)	NO COMPARA	ABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	(4)
	OR		MATH 1	Calculus I OR	(5)
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to	(4)
Same as	: STATIST 13Y			Probability and Statistics	
			OR	2040100100	
			PSYCH 2 	Statistical Methods for Psychology and Social	c (3)

Select one lower division resource science course and one lower division social science/humanities course for a minimum of six quarter units in consultation with advisor

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

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:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

COMUNCN 1 Intro Public Spkg OR	(4) COM ST 1A Public Speaking (3)
	(4) COM ST 3 Interpersonal (3) Communication
OR	OR
DRAMART 10 Intro To Acting	-
DRAMARI IU INCRO IO ACCING	(4) NO COMPARABLE COURSE
BIOLSCI 2A Intro Biology:Life on Earth	
OR	OR
BIOLSCI 10 Everyday Biology	(4) BIOL 10 Survey of Biology (4)
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
OR	OR
CHEM 10 Concept of Chem	(4) CHEM 10 Exploring Everyday (3)
CHEM IU Concept of Chem	(4) CHEM IO Exploring Everyday (3)
	Chemistry
PHYSICS 1A Principles Physics	(3) NO COMPARABLE COURSE
BIOLSCI 2B Intro Biology: Ecology	(5) BIOL 1 & Core Biology (4)
& Evolution	BIOL 2 & General Zoology (5)
	BIOL 3 General Botany (4)
OR	OR
	(5) CHEM 1A & General Chemistry (5)
CHEM 2D COM CHEMISCLY	CHEM 1B General Chemistry (5)
07	-
OR	OR
PHYSICS 1B Principles Physics	(3) NO COMPARABLE COURSE
ONE COURSE FR	OM THE FOLLOWING:
PL SCI 21 Computers in Technology	(3) NO COMPARABLE COURSE
OR	OR
SCI&SOC 18 GIS & Society	(3) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
ECON 1A Princ of Microecon	(4) ECON 1B Principles of (3)
	Microeconomics

ECON 1B Princ of Macroecon

Macroeconomics

(3)

ONE COURSE FROM THE FOLLOWING: AN SCI 1 Domest Ani & People (4) AH SC 10 Principles of Animal (3) Science ATM SCI 60 Intro to Atmospheric (4) NO COMPARABLE COURSE Science t) GEOLOGY 1 The Earth PL SCI 12 Plants and Society (4) GEOL 1A Physical Geology w/Lab (4) (4) NO COURSE ARTICULATED: College has not Same as: SCI&SOC 12 submitted course(s) for articulation FORMERLY PLANT BIO 12 W&F BIO 51 Intro to Conservation (3) NO COURSE ARTICULATED: College has not Biology submitted course(s) for articulation _____ ENV S&P 1 Env Analysis (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ (3) MATH 13 Survey of Calculus (4) MATH 16A Short Calculus | <u>OR</u> | <u>N</u> MATH 16B Short Calculus (3) MATH 2 Calculus II OR (5) (4) MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) MATH 1 Calculus I (4) MATH 2 Calculus II (5) MATH 21A Calculus MATH 21B Calculus (4) _____ POL SCI 1 Amer Natl Govt (4) POLSC 1 American Government and (3) Institutions _____ STATIST 13 Elementary Statistics (4) | MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science _____ CLIMATE CHANGE POLICY AREA: SCI&SOC 25 Global Climate Change (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ END OF MAJOR

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) COM ST 3 Interpersonal (3) Communication OR OR DRAMART 10 Intro To Acting (4) NO COMPARABLE COURSE _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 1 Core Biology (4) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 & Core Biology & Evolution BIOL 2 & General Zoology (4)& EvolutionBIOL 2 & General ZoologyBIOL 2 CGeneral BotanyBIOLSCI 2CIntro Biology:(5)BIOL 2 & General Zoology (5) (4) (5) Biodiversity & the Tree BIOL 3 General Botany (4) of Life CHEM 2AGenl Chemistry(5) CHEM 1AGeneral ChemistryCHEM 2BGenl Chemistry(5) CHEM 1A & General Chemistry (5) (5) CHEM 1B General Chemistry (5) OR OR CHEM 2AHHonors Genl Chemistry(5) NO COMPARABLE COURSECHEM 2BHHonors Genl Chemistry(5) NO COMPARABLE COURSE _____ t) GEOLOGY 1 The Earth (4) GEOL 1A Physical Geology w/Lab (4) OR OR e) GEOLOGY 50 Physical Geology (3) GEOL 1A Physical Geology w/Lab (4) t) _____ PHYSICS 1APrinciples Physics(3) NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) NO COMPARABLE COURSE OR OR PHYSICS 7A General Physics (4)|PHYSC 2A <u>&</u> General Physics (4) PHYSC 2B General Physics (4) PHYSICS 7B General Physics (4)|PHYSC 2A を General Physics (4) PHYSC 2B General Physics (4) PHYSICS 7C General Physics (4) PHYSC 2A <u>&</u> General Physics PHYSC 2B General Physics (4) (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ Princ of Microecon (4) ECON 1B Principles of Microeconomics ECON 1A (3) _____ (3) MATH 13 Survey of Calculus (4) MATH 16A Short Calculus OR MATH 1 Calculus I (5) (3) MATH 2 Calculus II (4) MATH 16B Short Calculus

	OR			OR
МАТН 17А Са	lculus for BioSci	(4)		ARTICULATED: College has not
MATH 17B Ca	lculus for Biosci	(4)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
				course(s) for articulation
MATH 21A Ca	OR	(4)	 אמדים 1	OR Calculus I (5)
MATH 21B Ca	lculus	(4)	MATH 2	Calculus II (4)
		(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
	RECOMMENDED COUR	SES	FOR THIS N	MAJOR:
CHEM 2C Gen	l Chemistry OR	(5)	CHEM 1B	General Chemistry (5) OR
CHEM 2CH Ho	nors Genl Chemistry	(5)	NO COMPARA	-
	PREPARATION	FOR	GRADUATION	<u> 4</u> :
STATIST 13 Same as: ST	Elementary Statistics ATIST 13Y	(4)	MATH 12 	Introduction to (4) Probability and Statistics
			<u>OR</u> PSYCH 2 	Statistical Methods for (3) Psychology and Social Science
	ECOLOGY, BIODIVERSITY,		CONGEDVAT.	гом траск.
	ECOLOGI, BIODIVERSIII,	AND	CONSERVAL	ION TRACK.
	Intro to Atmospheric Science	(4)	NO COMPARA 	ABLE COURSE
	CLIMATE CHANGE	E ANI	D AIR QUAL	ITY TRACK:
	Intro to Atmospheric Science		NO COMPARA	ABLE COURSE
	WATERSHED	SCI	ENCE TRACK	:
	Water, Power, Society	(3)		ARTICULATED: College has not
Same as: SC GEOLOGY 35	I&SOC 10 Rivers	(3)		<pre>course(s) for articulation ARTICULATED: College has not</pre>
			submitted	course(s) for articulation
			·	ARTICULATED: College has not course(s) for articulation
END OF MAJOR				
+) If a studen	t takes (FOT 1) at San 1	[0.2 <i>~</i>	uin Dolto (Collogo gradit will be

- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
 a) This source is not strictly comparable with UC Davis sources but will
- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 2016-18 <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 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4)
	& Evolution		BIOL 2 & General Zoology (5)
			BIOL 3 General Botany (4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology (5)
	Biodiversity & the Tree		BIOL 3 General Botany (4)
	of Life		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry		CHEM 1A & General Chemistry (5)
	2	. ,	CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
011211 20	OR	(0)	OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry		NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry		NO COMPARABLE COURSE
	AND	())	
CHEM 118A	Org Chem, Hlth & Sci	(1)	CHEM 12A Organic Chemistry (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A & Organic Chemistry (5)
CHEM IIOD	org chem, fith & Ser	(4)	
OUEM 1100	One them tilth & Cet	(1)	
CHEM 118C	Org Chem, Hlth & Sci	(4)	
a	OR	(2)	OR (E)
CHEM 128A	Organic Chemistry		CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry		CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B Organic Chemistry (5
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus		MATH 2 Calculus II (4)
MATH 21C	Calculus	(4)	MATH 3 Vector Calculus (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
	-		PHYSC 2B General Physics (4)
It is high	ly recommended that student	s co	mplete an entire physics series at

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

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 2018-19)

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 2016-18 <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 	1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	2 &	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 	_	General Zoology General Botany	(5) (4)
	nl Chemistry nl Chemistry	(5) (5)	CHEM CHEM CHEM	1A <u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)

	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
MATH 17A	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
	OR	OR	
MATH 21A	Calculus	(4) MATH 1 Calculus I (!	5)
MATH 21B	Calculus	(4) MATH 2 Calculus II (4)	4)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics	(3) NO COMPARABLE COURSE (3) NO COMPARABLE COURSE	

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has r course(s) for articulation	
MATH 21C	OR Calculus	(4)	 МАТН 3 	OR Vector Calculus (4)

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 2018-19)

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

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

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

Organic Chemistry series cited on ASSIST for your major

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1 Core Biology 	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1 <u>&</u> Core Biology	(4)
	& Evolution		BIOL 2 & General Zoology	(5)
			BIOL 3 General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 & General Zoology	(5)
	Biodiversity & the Tree		BIOL 3 General Botany	(4)
	of Life		Ì	
	~] c] ' ·			
CHEM 2A	Genl Chemistry	• •	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
			CHEM 1B General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief		NO COMPARABLE COURSE	
	OR	/	OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	• •	CHEM 12A & Organic Chemistry	(5)
CHILL TTOD	org chem, mren a ber	(-)		

CHEM 118C	Org Chem, Hlth & Sci	(1)	CHEM 12B Organic Chemistry (5 CHEM 12B Organic Chemistry (5	
CHEM 110C		(4)	CHEM 12B OFGAILC CHEMISCRY (3))
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	
	Calculus for Biosci	(1)	submitted course(s) for articulation	
MATH 17B	Calculus for Blosel	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	
_		()	submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5	5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4	ŧ)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4	1)
			PHYSC 2B General Physics (4	1)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4	1)
			PHYSC 2B General Physics (4	1)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4	ł)
			PHYSC 2B General Physics (4	ŧ)
			mplete an entire physics series at	
			t to the entire UC Davis Physics 7A/B/	

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 3	Vector Calculus	(4)

END OF MAJOR

====Fiber & Polymer Science B.S.====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018-19 and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants; however, the Textiles and Clothing major previously encouraged for applicant consideration is now suspended for 2018-19.

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

_____ CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) (5) CHEM 1A & General Chemistry CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry (5) _____ B) ENG CS 15 Intro to Computers (4) CS 11 Fundamentals of Computer (3) Science OR OR Programming&Prob Solving (4) CSP 26A JAVA Programming ENG CS 30 (3) OR CSP 31A C++ Programming I (3)

As of F18, Course Number = ENG CS 36A

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) MA	тн 13	Survey of Calculus	(4)
			OR		
		MA	TH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3) MA	ТН 2	Calculus II	(4)
MATH 16C	Short Calculus	(3) MA	ТН 2	Calculus II	(4)
	OR	ĺ		OR	
MATH 21A	Calculus	(4) MA	TH 1	Calculus I	(5)
MATH 21B	Calculus	(4) MA	ТН 2	Calculus II	(4)
MATH 21C	Calculus	(4) MA	тн 3	Vector Calculus	(4)
PHYSICS 7A	General Physics	 (4) рн	 YSC 2A	& General Physics	(4)
11110100 /11			YSC 2B		(4)
PHYSICS 7B	General Physics		YSC 2A	1	(4)
			YSC 2B		(4)
PHYSICS 7C	General Physics		YSC 2A	1	(4)
			YSC 2B		(4)
		1			、 - /

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics: Electricity and Magnetism	(4)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 12	Introduction to Probability and Statistics	(4)
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
TEX&CL 6	Intro Textiles	(4)	FASHION 6 Same as		(3)
TEX&CL 8	Textile Apparel Ind OR	(4)	NO COMPARAI 	BLE COURSE OR	
ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(4)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM	12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	12A を	Organic Chemistry	(5)
			CHEM	12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	12A &	Organic Chemistry	(5)
			CHEM	12B	Organic Chemistry	(5)

	ELECT	IVE COURSES:				
ECON 1A	Princ of Microecon	(4) ECON 1B	Principles of	(3)		
DGOM 1 D			Microeconomics	(2)		
ECON 1B	Princ of Macroecon	(4) ECON 1A	Principles of Macroeconomics	(3)		
			Macroeconomics			
MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)		
MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)		
PL SCI 21	Computers in Technology	(3) NO COMPARABLE COURSE				

END OF MAJOR

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

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

Special Advising Note:

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

(5)

OR

(3) CHEM 12A Organic Chemistry

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

AP and TB examination credit policies are detailed in the NC Davis 2016-18

COMUNCN 1	Intro Public Spkg	(4)	 COM S	ST 1A	Public Speaking	(3)
 MATH 16A	Short Calculus	(3)	 MATH OR		Survey of Calculus	(4)
					Calculus I	(5)
MATH 16B	Short Calculus					(4)
MATH 16C	Short Calculus	(3)	MATH	2	Calculus II	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	1	Core Biology	(4)
CHEM 2A	Genl Chemistry	(5)	 СНЕМ	1A	General Chemistry	 (5)
CHEM 2B	Genl Chemistry				General Chemistry	
			CHEM	1B _	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief AND	(2)	NO CC)MPAR	ABLE COURSE AND	
CHEM 8B	Organic Chem-Brief OR	(4)	NO CC	MPAR	ABLE COURSE OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	12A	Organic Chemistry	(5)
	AND		ļ		AND	
CHEM 118B	Org Chem, Hlth & Sci	(4)			• Organic Chemistry	
			CHEM	12B	Organic Chemistry	(5)

OR

CHEM 128A

Organic Chemistry

	AND			AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)

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

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

 NUTR 10
 Discoveries and Concepts (3) | FCS 6
 Nutrition
 (3)

NUTR 10 Discoveries and Concepts (3) FCS 6 Nutrition (3)

RECOMMENDE	D FOR STUDENTS INTENDING	TO PU	JRSUE	GRAD	DUATE OR PROFESSIONAL	STUDIES:
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 	12B	Organic Chemistry OR	(5)
CHEM 128C	Organic Chemistry AND	(3)	CHEM	12B	Organic Chemistry AND	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM		Organic Chemistry Organic Chemistry	(5) (5)
	AND		ĺ		AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM	12B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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) FREN 1 Elementary French I	(5)
FRENCH 2	Elementary French	(5) FREN 1 を Elementary French I	(5)
		FREN 2 Elementary French II	(5)
FRENCH 3	Elementary French	(5) FREN 2 Elementary French II	(5)
FRENCH 21	Intermed French	(5) FREN 3 Intermediate French I	(5)
FRENCH 22	Intermed French	(5) FREN 3 を Intermediate French I	(5)
		FREN 4 Intermediate French II	(5)
FRENCH 23	Intermed French	(5) FREN 4 Intermediate French II	(5)
LINGUIS 1	Intro Linguistics	(4) HUM 4 Introduction to	(3)
	5	Linguistics	
		5	
		Same as: ANTHR 4	

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 2016-18 General Catalog . 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) SOCIO 27 Gender in Contemporary (3)
		Society
WOM STD 60	Feminist Critiques	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10 AF-AMST 17	Af-Am Culture & Soc Women in Africa		NO COMPARABLE COURSE
		. ,	
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1 Cultural Anthropology (3)
As of W17, ι	units=5		
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3)
			History
a a std 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3)
			History
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE

(4) NO COMPARABLE COURSE CHICANO 50 Chicano Culture COMPLIT 12 Intro Women Writers (4) NO COMPARABLE COURSE DRAMART 1 Theatre, Performance and (4) NO COMPARABLE COURSE Culture ENGLISH 3 Intro to Lit (4) ENG 18 Written Communications (3) II: A Critical Introduction to Literature Am Women & Gender HISTORY 72A (4) NO COMPARABLE COURSE HISTORY 72B Am Women & Gender (4)|HIST 27 Women in History (3) (4) NO COMPARABLE COURSE HISTORY 85 Nat, Man&Mach/Amer (4) NO COMPARABLE COURSE N A STD 10 NA Experience (4) NO COMPARABLE COURSE N A STD 32 NA Music & Dance POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE General Psychology PSYCH 1 (4)|PSYCH 1 Introduction to (3) Psychology SCI&TEC 1 Intro Sci & Tech Std (4) NO COMPARABLE COURSE SCI&TEC 20 Sci & Tec Std Methods (4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not SCI&TEC 32 Drugs, Science and Culture submitted course(s) for articulation Same as: ANTHRO 32 SOCIOL 2 Self and Society (4) NO COMPARABLE COURSE SOCIOL 3 Social Problems (4) SOCIO 1B Problems of a Changing (3) Society Sociology of Labor and (4) NO COURSE ARTICULATED: College has not SOCIOL 11 Employment submitted course(s) for articulation Multicultural Societies (3) NO COURSE ARTICULATED: College has not SOCIOL 30A submitted course(s) for articulation SOCIOL 30B Multicultural Societies (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not TEX&CL 7 Style & Cult Std submitted course(s) for articulation UWRITING 19 Wrtg Research Papers (4) ENG 1D Advanced Composition and (3) Critical Thinking As of F17, Course Number = UWRITING 49 WOM STD 20 Cult Repr of Gndr (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1	Core Biology	(4)
	Earth			
BIOLSCI 2B	Intro Biology: Ecology	(5) BIOL 1 <u>&</u>	Core Biology	(4)

BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree of Life		BIOL 3 General Botany (BIOL 2 & General Zoology (5) 4) 5) 4)	
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A & General Chemistry (5) 5) 5)	
CHEM 2C	Genl Chemistry OR	(5)		5)	
CHEM 2AH CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE		
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR		
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 12A & Organic Chemistry (5) 5) 5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)		5)	
MATH 17A	Calculus for BioSci		NO COURSE ARTICULATED: College has n submitted course(s) for articulation	ı	
MATH 17B MATH 17C	Calculus for Biosci Calculus for BioSci		NO COURSE ARTICULATED: College has n submitted course(s) for articulation NO COURSE ARTICULATED: College has n	ı	
11111 1,0	OR	(1)	submitted course(s) for articulation		
MATH 21A MATH 21B	Calculus		MATH 1 Calculus I (5) 4)	
PHYSICS 7A	General Physics	(4)		4) 4)	
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4) 4)	
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4) 4)	
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					

RECOMMENDED:						
MATH 21C	Calculus	(4) MATH 3	8 Vector	Calculus	(4)	

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 	1B	Historical Geology w/Lab	(4)
GEOLOGY 3L	History of Life Lab	(1)	GEOL 	1B	Historical Geology w/Lab	(4)
e) GEOLOGY t)	50 Physical Geology	(3)	GEOL 	1A	Physical Geology w/Lab	(4)
t) GEOLOGY e)	50L Physical Geol Lab	(2)	GEOL 	1A	Physical Geology w/Lab	(4)
GEOLOGY 60	Earth Materials:Intro	(4)	NO C	OMPAF	RABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH <u>0</u> 1		Survey of Calculus	(4)
			MATH	1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH	2	Calculus II	(4)
	OR		İ		OR	
MATH 21A	Calculus	(4)	MATH	1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	2	Calculus II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry		1		General Chemistry	(5)
		()	CHEM	-	General Chemistry	(5)
			1 011111			())

______ PHYSICS 7A General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSICS 7B General Physics (4)|PHYSC 2A 隆 General Physics (4) PHYSC 2B General Physics (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. ______ STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Probability and Same as: STATIST 13Y Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science _____ **RECOMMENDED COURSES:** PHYSICS 7C General Physics (4)|PHYSC 2A 崔 General Physics (4) PHYSC 2B General Physics (4) END OF MAJOR e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

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

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

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

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

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		_
GEOLOGY 3 History of Life	(3) GEOL 1B Historical Geology (4)
GEOLOGY 3L History of Life Lab	(1) GEOL 1B Historical Geology (4 w/Lab)
e) GEOLOGY 50 Physical Geology t)	(3) GEOL 1A Physical Geology w/Lab (4)
t) GEOLOGY 50L Physical Geol Lab	(2) GEOL 1A Physical Geology w/Lab (4)
GEOLOGY 60 Earth Materials:Intro	(4) NO COMPARABLE COURSE	
GEOLOGY 62 Optical Mineralogy		+
GEOLOGI 62 Optical Mineralogy	(2) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	L _
MATH 21A Calculus	(4) MATH 1 Calculus I (5)
MATH 21B Calculus	(4) MATH 2 Calculus II (4)
MATH 21C Calculus	(4) MATH 3 Vector Calculus (4)	<i>'</i>
	· · · · ·	_
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
2	CHEM 1B General Chemistry (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1	lB	General Chemistry	(5)
STATIST 32	Stat Anlys Thru Comp	o (4)	NO COM	I PAF	ABLE COURSE	
As of F18,	title = Gateway to Data	a Science	5			
PHYSICS 7A	General Physics	(4)	PHYSC	2A	& General Physics	(4)
			PHYSC	2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC	2A	& General Physics	(4)
			PHYSC	2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC	2A	& General Physics	(4)
		ĺ	PHYSC	2B	General Physics	(4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5) P	PHYSC 4A	Principles of Physics: (4)
				Mechanics
PHYSICS 9B	Classical Physics	(5) P	PHYSC 4B	Principles of Physics: (4)
				Waves, Sound, and

PHYSICS 9C Classical Physics

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

RECOMMENDED COURSES:

MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry	(5)
STATIST 32	Stat Anlys Thru Comp	(4) NO COMPARABLE COURSE	
As of F18,	title = Gateway to Data	Science	
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(4)
PHYSICS 9A	Classical Physics	(5) PHYSC 4A Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics: Waves, Sound, and Thermodynamics	(4)

RECOMMENDED COURSES:

MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5) PHYSC 4C	Principles of Physics: Electricity and	(4)
			Electricity and	
			Magnetism	

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	. ,	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics:	(4)
				Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics:	(4)
				Waves, Sound, and	
				Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics:	(4)
				Electricity and	
				Magnetism	

RECOMMENDED COURSES:

MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
STATIST 32	Stat Anlys Thru Comp	(4) NO COMPAR	ABLE COURSE	
As of F18,	title = Gateway to Data	Science		
CHEM 2C	Genl Chemistry	(5) CHEM 1B	General Chemistry	(5)

END OF MAJOR

- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

Elementary German Elementary German		entary German I (5) entary German I (5)
	GERM 2 Eleme	entary German II (5)
Elementary German	(5) GERM 2 Eleme	entary German II (5)
Intermediate German	(4) GERM 3 <u>&</u> Inter	rmediate German I (5)
	GERM 4 Inter	rmediate German II (5)
Intermediate German	(4) NO COMPARABLE C	OURSE
Intermediate German	(4) NO COMPARABLE C	OURSE
	Elementary German Elementary German Intermediate German Intermediate German	Elementary German(5)GERM 1 & Eleme GERM 2Eleme ElemeElementary German(5)GERM 2Eleme ElemeIntermediate German(4)GERM 3& Inter GERM 4Intermediate German(4)NO COMPARABLE C

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:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology(4)BIOL 2 & General Zoology(5)BIOL 3General Botany(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 <u>&</u> General Zoology (5) BIOL 3 General Botany (4)
CHEM 2B G	enl Chemistry enl Chemistry	(5)	CHEM 1AGeneral Chemistry(5)CHEM 1A & General Chemistry(5)CHEM 1BGeneral Chemistry(5)
CHEM 2C G	enl Chemistry	(5)	CHEM 1B General Chemistry (5)
	rganic Chem-Brief rganic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 12AOrganic Chemistry(5)CHEM 12A&Organic Chemistry(5)CHEM 12BOrganic Chemistry(5)
МАТН 17А	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 7B	General Physics	(4)	PHYSC 2B General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4)

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

PREPARATION FOR GRADUATION:

STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4) MATH 12 	Introduction to Probability and Statistics	(4)
			<u>Or</u> psych 2 	Statistical Methods for Psychology and Social Science	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

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Five lower-division courses, including at least two from one of the following fields, one from a second field, and one from a third field. The fifth course can be taken from any field:

A.AFRICAN AND MIDDLE EAST HISTORY

HISTORY	6	Intro to Middle East	(4)	HIST 6C History of the Middle (3) East		
		Intro African Hist ntinued as of S18	(4)	1		
		B. ASIAN	HIS	 Iory		
HISTORY	6	Intro to Middle East	(4)	HIST 6C History of the Middle (3) East		
HISTORY	8	Indian Civilization	(4)	NO COMPARABLE COURSE		
		East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY	9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
		C. EUROPEAN	I HI	STORY		
HISTORY	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE		
HISTORY	4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY	4B	Western Civ	(4)	HIST 4A <u>&</u> History of Western (3) Civilization		
				HIST 4B History of Western (3) Civilization		
HISTORY	4C	Western Civ	(4)	I		
	D. LATIN AMERICAN HISTORY					
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			NO COURSE ARTICULATED: College has not		
		1900-Present		submitted course(s) for articulation		
		E. U.S.	HI	STORY		
HISTORY	17A	U.S. History	(4)	HIST 17A History of the United (3) States		
HISTORY	17B	U.S. History	(4)	HIST 17B History of the United (3) States		
HISTORY	18A	Race in America to 1865	(4)	1		
HISTORY	72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
				HIST 27 Women in History (3)		
		F. WORLI) HI	STORY		
HISTORY	10A	World History to 1350	(4)	HIST 2A World History to 1600 (3)		
			(4)	HIST 2A & World History to 1600 (3)		
		1350-1850		HIST 2B World History since (3)		
				1600		
HISTORY	10C	World History III	(4)	HIST 2BWorld History since(3)1600		

END OF MAJOR

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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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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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4) ANTHR 2	Biological Anthropology	(3)	
ANTHRO 2	Cultural Anthropology	(4) ANTHR 1	Cultural Anthropology	(3)	
As of W17,	units=5				
ANTHRO 15	Human Life Cycle	(5) FCS 19	Human Development	(3)	
		Same a	as: H S 19		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Survey of Biology	(4)
	OR			OR	
MIC BIO 10	Natural History of	(3)	NO COURSE	ARTICULATED: Colleg	e has not
	Infectious Diseases		submitted	course(s) for artic	ulation
	OR			OR	
NE PH B 12	Human Brain and Disease	(3)	NO COURSE	ARTICULATED: Colleg	e has not
			submitted	course(s) for artic	ulation
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARA	ABLE COURSE	

Select one course from:

HISTORY 17A	U.S. History	(4) HIST 17A History of the United (3 States	;)
	OR	OR	
HISTORY 17B	U.S. History	(4) HIST 17B History of the United (3	;)
		States	
	OR	OR	
HISTORY 72A	Am Women & Gender	(4) NO COMPARABLE COURSE	
	OR	OR	
HISTORY 72B	Am Women & Gender	(4) HIST 27 Women in History (3	;)
	OR	OR	
POL SCI 1	Amer Natl Govt	(4) POLSC 1 American Government and (3	;)
		Institutions	

Select two of the following courses:

c) PHILOS 5	Critical Reasoning	(4)	PHILO 30	Introductory Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARAE	BLE COURSE	
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE A	ARTICULATED: College ha	s not
			submitted c	course(s) for articulat	ion

PHILOS 31Scientific Reason(4) | NO COMPARABLE COURSEPHILOS 32Scientific Change(4) | NO COMPARABLE COURSEPHILOS 38Intro Philos of Biol(4) | NO COURSE ARTICULATED: College has notsubmitted course(s) for articulation submitted course(s) for articulation _____ NE PH B 10 Elem Human Physio (3) BIOL 32 Human Physiology (5) PSYCH 1 General Psychology (4) PSYCH 1 Introduction to Psychology (3) _____ Select one of the following options: PSYCH 41 Research Methods (4) PSYCH 4 Introduction to (3) Research Methods in Psychology OR OR SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE OR OR STATIST 10 Statist Thinking (4) NO COMPARABLE COURSE OR OR

 STATIST 13
 Elementary Statistics (4)
 MATH 12
 Introduction to

 Same as:
 STATIST 13Y
 Probability and

 Statistics
 Statistics

 (4) Statistics | <u>OR</u> |PSYCH 2 Statistical Methods for (3) Psychology and Social Science ______ END OF MAJOR

c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

====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 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 2016-18 General Catalog . 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 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> Core Biology BIOL 2 <u>&</u> General Zoology BIOL 3 General Botany	(4) (5) (4)
	enl Chemistry enl Chemistry	(5) CHEM 1A General Chemistr (5) CHEM 1A <u>&</u> General Chemistr CHEM 1B General Chemistr	ry (5)

CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry (5) _____ (5) PHYSC 4A Principles of Physics: (4) PHYSICS 9A Classical Physics Mechanics PHYSICS 9B Classical Physics (5) PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics PHYSICS 9C Classical Physics (5) PHYSC 4C Principles of Physics: (4) Electricity and Magnetism _____ (4) MATH 1 Calculus I MATH 21A Calculus (5) MATH 21B Calculus (4) MATH 2 Calculus II (4) MATH 21DCalculus(1) MATH 2Calculus 11(1)MATH 21CCalculus(4) MATH 3Vector Calculus(4)MATH 21DVector Analysis(4) MATH 3Vector Calculus(4)MATH 22ALinear Algebra(3) MATH 5Linear Algebra(3)MATH 22BDifferntl Equations(3) MATH 4Differential Equations(4) _____ e) GEOLOGY 50 Physical Geology (3) GEOL 1A Physical Geology w/Lab (4) t) t) GEOLOGY 50L Physical Geol Lab (2) GEOL 1A Physical Geology w/Lab (4) e) _____ _____

ENGIN 6 Engr Prob Solving

(4) NO COMPARABLE COURSE

END OF MAJOR

- e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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 2016-18 General Catalog . 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 COMPAR2 	ABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4) PLANT 10 	Principles of Plant Science	(3)
SOILSCI 10	Soils in Our Environment	(3) plant 14 	Soil Science	(4)
ECON 1A	Princ of Microecon	(4) ECON 1B 	Principles of Microeconomics	(3)

ECON 1B	AND Princ of Macroecon	(4)		AND Principles of Macroeconomics	(3)
	Elementary Statistics : STATIST 13Y	(4)	 MATH 12 	Introduction to Probability and Statistics	(4)
	OR		<u>OR</u> PSYCH 2 	Statistical Methods fo Psychology and Social Science OR	or (3)
	Intro Social Rsch	(5)	 NO COMPAR <i>I</i>		
	Short Calculus	(3)		Survey of Calculus	(4)
			<u>OR</u> MATH 1	Calculus I	(5)
CM&RGDE 1	The Community		submitted	course(s) for articulat	
	SIX QUARTER				
AGRESEC 15	Pop,Envr,World Agri	(4)		ARTICULATED: College ha	
AN SCI 41	Domestic Ani Prod	(2)		ABLE COURSE	01011
	Domest An Prod Lab		NO COURSE		
CM&RGDE 20	Food Systems	(4)	NO COURSE	ARTICULATED: College ha	as not
NUTR 10	Discoveries and Concepts	(3)	FCS 6 N	. ,	(3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARA	ABLE COURSE	
PL SCI 15	Intro Sustainable	(4)			
	Agriculture			course(s) for articulat	
PL SCI 49	Org Crop Prod Prac	(3)	1	ARTICULATED: College ha	
FOREIGN LANGUAGE REQUIREMENT:					

exams .

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

	AREAS OF	PECIALIZATION:	
	AGRICULTURA	PRODUCTION OPTION:	
BIOLSCI 2A		5) BIOL 1 Core Biolog	ay (4)
DIOLDCI 211	Earth		92 (1)
BIOLSCI 2B		EVIDIOI 1 C Como Diolo	~ (1)
BIOUSCI ZB	51 51	5) BIOL 1 & Core Biolog	51
	& Evolution	BIOL 2 <u>&</u> General Zo	ology (5)
		BIOL 3 General Bo	tany (4)
CHEM 2A	Genl Chemistry	5) CHEM 1A General C	nemistry (5)
CHEM 2B	Genl Chemistry	5) CHEM 1A & General C	nemistry (5)
	-	CHEM 1B General C	nemistry (5)
	TRADE AND ECONOR	DEVELOPMENT OPTION:	
MATH 16B	Short Calculus	3) MATH 2 Calculus I	I (4)
SOCIOL 1	Intro Sociology	5) SOCIO 1A Introduc	tion to (3)
		Sociolog	Y
	OR	OR	-
ANTHRO 2	Cultural Anthropology	4) ANTHR 1 Cultural	Anthropology (3)
As of W17,	1 51	-, ,	

AGRESEC 15 Pop, Envr, World Agri (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ENVIRONMENTAL ISSUES OPTION: BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1 Core Biology (4) Earth BIOL 2 & General Zoology BIOL 3 General Botany BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 & Core Biology (4) & Evolution (5) (4) ENV S&P 1 Env Analysis (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ RURAL COMMUNITIES OPTION:

 SOCIOL 1
 Intro Sociology
 (5) SOCIO 1A
 Introduction to

 Sociology
 Sociology

 (3) Cultural Anthropology (4) ANTHR 1 Cultural Anthropology (3) anthro 2 As of W17, units=5 _____

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

available from our TAG website.				
ANTHRO 2 Cultural Anthropology As of W17, units=5	(4)	ANTHR 1	Cultural Anthropology (3	;)
OR ECON 1A Princ of Microecon	(4)	İ	OR Principles of (3 Microeconomics	3)
ECON 1B Princ of Macroecon	(4)			3)
HISTORY 4C Western Civ OR	(4)	NO COMPARA 	BLE COURSE OR	
HISTORY 10C World History III	(4)	HIST 2B	World History since (3 1600	;)
POL SCI 2 Intro Comp Politics	(4)	POLSC 2 	Introduction to (3 Comparative Politics	3)
POL SCI 3 Internatl Relations	(4)	POLSC 5	International Relations (3	3)
POL SCI 12Y Data Visualization Same as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y OR				νt
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	 MATH 12 OR		E)
		PSYCH 2	Statistical Methods for (3 Psychology and Social Science	;)
OR SOCIOL 46B Intro Social Rsch	(5)	 NO COMPARA	OR ABLE COURSE	
POL SCI 51 Scientific Study of Politics	(4)		ARTICULATED: College has no course(s) for articulation	∙_ >t

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.

1	Elementary Arabic	(5)		ARTICULATED: College has not
			submitted	course(s) for articulation
2	Elem Arabic	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
3	Elem Arabic	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
21	Intermed Arabic	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
317 ur	nits = 4			
22	Intermed Arabic	(5)	NO COURSE	ARTICULATED: College has not
	2 3 21 517 ur	2 Elem Arabic 3 Elem Arabic	2 Elem Arabic (5) 3 Elem Arabic (5) 21 Intermed Arabic (5) 217 units = 4	2 Elem Arabic (5) NO COURSE 3 Elem Arabic (5) NO COURSE 21 Intermed Arabic (5) NO COURSE 3 submitted 21 Intermed Arabic (5) NO COURSE 3 submitted 3 submitted 4

submitted course(s) for articulation As of S17, units =4Intermed Arabic ARABIC 23 (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4OR OR x) CHINESE 1 Elem Chinese (5) CHIN 1 Elementary Chinese I (5)x) CHINESE 2 Elem Chinese (5) CHIN 1 & Elementary Chinese I (5) CHIN 2 Elementary Chinese II (5) x) CHINESE 3 Elem Chinese (5) CHIN 2 Elementary Chinese II (5)x) CHINESE 4 Inter Chinese (5) CHIN 3 Intermediate Chinese I (5) (5) CHIN 3 & Intermediate Chinese I x) CHINESE 5 Inter Chinese (5) CHIN 4 Intermediate Chinese IV (5) (5)|CHIN 4 x) CHINESE 6 Inter Chinese Intermediate Chinese IV (5) OR OR x) CHINESE 1CN Mand/Cant Spkrs I (5) NO COMPARABLE COURSE x) CHINESE 2CN Mand/Cant Spkrs II (5) NO COMPARABLE COURSE x) CHINESE 3CN Mand/Cant Spkrs III (5) NO COMPARABLE COURSE OR Accl Wrtn Chinese I (5) NO COMPARABLE COURSE x) CHINESE 1BL x) CHINESE 2BL Accl Wrtn Chinese (5) NO COMPARABLE COURSE ΤТ x) CHINESE 3BL Accl Wrtn Chinese (5) NO COMPARABLE COURSE III OR OR FRENCH 1 Elementary French (5) FREN 1 Elementary French I (5) FRENCH 2 Elementary French (5) FREN 1 & Elementary French I (5) FREN 2 Elementary French II (5)FRENCH 3 Elementary French (5)|FREN 2 Elementary French II (5)(5)|FREN 3 Intermed French Intermediate French I FRENCH 21 (5) FRENCH 22 Intermed French (5) FREN 3 & Intermediate French I (5) FREN 4 Intermediate French II (5) OR OR GERMAN 1 Elementary German (5) GERM 1 Elementary German I (5) GERMAN 2 Elementary German (5) GERM 1 & Elementary German I (5)GERM 2 Elementary German II (5) (5)|GERM 2 GERMAN 3 Elementary German Elementary German II (5)GERMAN 20 Intermediate German (4) GERM 3 & Intermediate German I (5) GERM 4 Intermediate German II (5) GERMAN 21 Intermediate German (4) NO COMPARABLE COURSE OR OR HEBREW 1 (5) NO COURSE ARTICULATED: College has not Elem Hebrew submitted course(s) for articulation HEBREW 2 Elem Hebrew (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not HEBREW 3 Elem Hebrew submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not HEBREW 21 Intermediate Modern submitted course(s) for articulation Hebrew I As of F17, units = 4HEBREW 22 Intermediate Modern (5) NO COURSE ARTICULATED: College has not Hebrew II submitted course(s) for articulation As of F17, units = 4HEBREW 23 Intermediate Modern (5) NO COURSE ARTICULATED: College has not Hebrew III submitted course(s) for articulation OR OR HIN-URD 1 Elem Hindi/Urdu I (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HIN-URD 2 Elem Hindi/Urdu II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HIN-URD 3 Elem Hindi/Urdu III (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HIN-URD 21 Intermed Hindi/Urdu (5) NO COURSE ARTICULATED: College has not

submitted course(s) for articulation As of F17, units = 4HIN-URD 22 Intermed Hindi/Urdu II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4HIN-URD 23 Intermed Hindi/Urdu III (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4OR OR Elementary Italian (5)|ITAL 1 Elementary Italian I ITALIAN 1 (5) ITALIAN 2 (5) ITAL 1 & Elementary Italian I Elementary Italian (5) Elementary Italian II ITAL 2 (5) (5) | ITAL 2 Elementary Italian II ITALIAN 3 Elementary Italian (5) Intermediate Italian I (4) | ITAL 3 ITALIAN 4 Interm Italian (5) (4) ITAL 3 & Intermediate Italian I ITALIAN 5 Interm Italian (5) ITAL 4 Intermediate Italian II (5) OR OR ITALIAN 1 Elementary Italian (5) | ITAL 1 Elementary Italian I (5) (5) | ITAL 1 & Elementary Italian I ITALIAN 2 Elementary Italian (5) Elementary Italian II ITAL 2 (5) Elementary Italian II ITALIAN 3 Elementary Italian (5) | ITAL 2 (5) ITALIAN 8A Italian Convers (3) NO COMPARABLE COURSE ITALIAN 8B Italian Convers (3) NO COMPARABLE COURSE OR OR y) JPNESE 1 Elem Japanese (5) JAPAN 1 Elementary Japanese I (5) y) JPNESE 2 Elem Japanese (5)|JAPAN 1 & Elementary Japanese I (5) JAPAN 2Elementary Japanese II(5)(5)JAPAN 2Elementary Japanese II(5) y) JPNESE 3 Elem Japanese Inter Japanese (5) JAPAN 3 Intermediate Japanese I (5)
(5) JAPAN 4 Intermediate Japanese II(5) y) JPNESE 4 Inter Japanese y) JPNESE 5 Inter Japanese (5) NO COMPARABLE COURSE y) JPNESE 6 OR OR Elementary Portuguese PORTUG 1 (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PORTUG 2 Elementary Portuguese (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PORTUG 3 Elementary Portuguese (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PORTUG 21 Intermediate Portuguese (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PORTUG 22 Intermediate Portuguese (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR RUSSIAN 1 Elementary Russian (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Elementary Russian (5) NO COMPARABLE COURSE RUSSIAN 2 RUSSIAN 3 Elementary Russian (5) NO COMPARABLE COURSE RUSSIAN 4 Intermed Russian (4) NO COMPARABLE COURSE Intermed Russian (4) NO COMPARABLE COURSE RUSSIAN 5

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

	OR			OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish I	(5)
			SPAN 2	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish II	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish I	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish II	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPAR	ABLE 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ITALIAN 1	Elementary Italian	(5) ITAL 1	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5) ITAL 1 <u>&</u>	Elementary Italian I	(5)
		ITAL 2	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5) ITAL 2	Elementary Italian II	(5)
ITALIAN 4	Interm Italian	(4) ITAL 3	Intermediate Italian I	(5)
ITALIAN 5	Interm Italian	(4) ITAL 3 <u>&</u>	Intermediate Italian I	(5)
		ITAL 4	Intermediate Italian II	(5)
ITALIAN 9	Reading Italian	(4) ITAL 4	Intermediate Italian II	(5)

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 2016-18 <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 y) JPNESE 2	Elem Japanese Elem Japanese	(5) JAPAN 1 (5) JAPAN 1 &	Elementary Japanese I (5) Elementary Japanese I (5)
-	-	JAPAN 2	Elementary Japanese II (5)
y) JPNESE 3	Elem Japanese	(5) JAPAN 2	Elementary Japanese II (5)
y) JPNESE 4	Inter Japanese	(5) JAPAN 3	Intermediate Japanese I (5)
y) JPNESE 5	Inter Japanese	(5) JAPAN 4	Intermediate Japanese II(5)
y) JPNESE 6	Inter Japanese	(5) NO COMPARA	ABLE 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) HUM 4 Introduction to (3)
		Linguistics
		Same as: ANTHR 4
HISTORY 9B	East Asian Civ	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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 <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 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 2016-18 <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)	COM ST 1A	A Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	 ENG 1B 	Written Communications II: A Critical Introduction to Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing OR	(4)	ENG 1A 	Reading and Composition OR	(3)
	Style in the Essay		NO COMPAR	ABLE COURSE	
As of F17, (Course Number = UWRITING 4	8			
	OR			OR	
UWRITING 19	Wrtg Research Papers	(4)		Advanced Composition and Critical Thinking	(3)
As of F17, (Course Number = UWRITING 4	19 			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 <u>&</u> BIOL 2 &	Core Biology General Zoology	(4) (5)
			BIOL 3		(4)
ENVHORT 6	Intro Environ Plants	(4)	HORT 2 OR	Plant Materials and Usage - Fall	(3)
			HORT 3	Plant Materials and Usage - Spring	(3)
	ONE COURSE FR	ROM T	HE FOLLOWI	NG:	
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus	(4)
			MATH 1		(5)
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to	(4)

Same as: STATIST 13Y

Probability and Statistics

		OR	
		PSYCH 2	Statistical Methods for (3)
			Psychology and Social
			Science
ENG CS 10	Intro to Programming	(4) NO COMPAR	ABLE COURSE

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

ONE COURSE FROM THE FOLLOWING:

CHEM 2A CHEM 10	Genl Chemistry Concept of Chem		CHEM 1A CHEM 10	General Chemistry Exploring Everyday Chemistry	(5) (3)	
PHYSICS 1A PHYSICS 10	Principles Physics Topics,Nonscientists	(3) (4)	NO COMPARA PHYSC 10	ABLE COURSE	(4)	
t) GEOLOGY SOILSCI 10				Physical Geology w/Lab Soil Science	(4) (4)	
LND ARC 1	Intro Environ Design	(4)	1	ARTICULATED: College has		
LND ARC 2	Place,Culture,Community	(4)	NO COURSE	<pre>course(s) for articulati ARTICULATED: College has course(s) for articulati</pre>	not	
LND ARC 3	Sustainable Development	(4)	1	ARTICULATED: College has course(s) for articulati		
As of F17,	Design Visualization units = 4 title = Land Rep I	(5)	1	ABLE COURSE	011	
	History Environ Design	(4)		ARTICULATED: College has		
LND ARC 50	Site Ecology	(4)	NO COURSE	<pre>course(s) for articulati ARTICULATED: College has course(s) for articulati</pre>	not	
LND ARC 60	Landform Grading Studio	(6)	NO COURSE	ARTICULATED: College has course(s) for articulati	not	
LND ARC 70 As of F17,	Introduction to Spacemaking units = 4	(5)	NO COURSE	ARTICULATED: College has course(s) for articulati	not	
Articulati	Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities.					
Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.						
END OF MAJ	OR					

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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) HUM 4 Introduction to (3) Linguistics Same as: ANTHR 4

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.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

COMUNCN 1 Intro Public Spkg OR	(4)	COM ST 1A Public Speaking (3)
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	COM ST 3Interpersonal(3)Communication
AGRESEC 18 Business Law	(4)	BUS 18A Business Law (3)
ECON 1A Princ of Microecon	(4)	ECON 1B Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4)	ECON 1A Principles of (3) Macroeconomics
PL SCI 21 Computers in Technology OR	(3)	NO COMPARABLE COURSE
ENG CS 10 Intro to Programming OR	(4)	NO COMPARABLE COURSE
_	(4)	CS 11 Fundamentals of Computer (3) Science
OR		OR
ENG CS 30 Programming&Prob Solving	(4)	CSP 26A JAVA Programming (3)
		CSP 31A C++ Programming I (3)
As of F18, Course Number = ENG CS :	36A	

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		1	Principles of Accounting Principles of Accounting	
MATH 16A	Short Calculus	(3)	MATH 13 <u>OR</u>	Survey of Calculus	(4)
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has	
MAIN 17D	calculus for broser	(1)		course(s) for articulation	
	OR			OR	511
MATH 21A		(4)	 мдтн 1	Calculus I	(5)
MATH 21B		• •		Calculus II	(4)
					(1)
	Elementary Statistics STATIST 13Y	(4)	MATH 12 	Introduction to Probability and Statistics	(4)
			<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	(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 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 2016-18 <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	1	Core Biology	(4)
	Earth	(-)				
BIOLSCI 2B	Intro Biology: Ecology	(5)	1		51	(4)
	& Evolution		BIOL	2 <u>&</u>	General Zoology	(5)
			BIOL	3	General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	2 &	General Zoology	(5)
	Biodiversity & the Tre	е	BIOL	3	General Botany	(4)
	of Life		i		-	
			' 			
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)
	Genl Chemistry		CHEM		-	. ,
	2		CHEM		_	
CHEM 2C	Genl Chemistry	(5)	1		General Chemistry	(5)
		(3)				(3)
MATH 16A	Short Calculus	(2)	MATH	12	Survey of Calculus	(4)
MAIN IOA	Short Carcurus	(3)	1		Survey of Carcuius	(=)
			0	-		
			MATH		Calculus I	(5)
МАТН 16В	Short Calculus		MATH		Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH	2	Calculus II	(4)
	OR				OR	

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
	Coleving for DieGei	(1)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)
MATH 21C	Calculus	(4)	MATH 3 Vector Calculus (4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4)
11110100 /11	General Inybieb	(1)	
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A 	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C 	Principles of Physics: (4) Electricity and Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE submitted	ARTICULATED: College h course(s)for articulat	as not ion
GEOLOGY 16	The Oceans	(3) GEOL 16 OR	Oceanography	(3)
		GEOL 16A	Oceanography w/Lab	(4)

END OF MAJOR

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

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

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

(for 2018-19)

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

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

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

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

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

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

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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 2016-18

General Catal	bom our TAG website.		for \underline{AP} and \underline{IB} are also
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology(4)BIOL 2 & General Zoology(5)BIOL 3General Botany(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
CHEM 2A Ge CHEM 2B Ge			CHEM 1AGeneral Chemistry(5)CHEM 1A&General Chemistry(5)CHEM 1BGeneral Chemistry(5)
CHEM 2C Ge	enl Chemistry AND	(5)	CHEM 1B General Chemistry (5)
			NO COMPARABLE COURSE NO COMPARABLE COURSE
MATH 17A C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
МАТН 17В С	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A C MATH 21B C			MATH 1Calculus I(5)MATH 2Calculus II(4)
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics(4)PHYSC 2BGeneral Physics(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A & General Physics(1)PHYSC 2BGeneral Physics(4)
It is highly	recommended that students	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) PHYSC 4A	Principles of Physics: (4)
			Mechanics
PHYSICS 9B	Classical Physics	(5) PHYSC 4B	Principles of Physics: (4)
			Waves, Sound, and

PHYSICS 9C	Classical Physics	(5) PHYSC 4C	Thermodynamics Principles of Physics: (4) Electricity and Magnetism
			Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		ARTICULATED: College h course(s)for articulat	
GEOLOGY 16	The Oceans	(3) GEOL 16 OR	Oceanography	(3)
		GEOL 16A	Oceanography w/Lab	(4)

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 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 2016-18 General Catalog . 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 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> BIOL 2 <u>&</u> BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 2 <u>&</u> BIOL 3 	General Zoology General Botany	(5) (4)
	nl Chemistry nl Chemistry	(5) CHEM 1A (5) CHEM 1A <u>8</u>	General Chemistry General Chemistry	(5) (5)

			CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)) CHEM 1B General Chemistry (5)
MATH 16A	Short Calculus	(3)) MATH 13 Survey of Calculus (4)
			OR
			MATH 1 Calculus I (5)
MATH 16B	Short Calculus	(3)) MATH 2 Calculus II (4)
MATH 16C	Short Calculus	(3)) MATH 2 Calculus II (4)
	OR		OR
MATH 17A	Calculus for BioSci	(4)) NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)) NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)) NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)) MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)) MATH 2 Calculus II (4)
MATH 21C	Calculus) MATH 3 Vector Calculus (4)
	·		
PHYSICS 7A	General Physics	(4)) PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7B	General Physics	(4)) PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)
PHYSICS 7C	General Physics	(4)) PHYSC 2A & General Physics (4)
			PHYSC 2B General Physics (4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics: (4) Electricity and Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE ARTICULATED: College ha	
		submitted course(s)for articulat	ion
GEOLOGY 16	The Oceans	(3) GEOL 16 Oceanography	(3)
		OR	
		GEOL 16A Oceanography w/Lab	(4)

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

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

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 	1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	2 &	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	• •	BIOL BIOL 	_	General Zoology General Botany	(5) (4)
	enl Chemistry enl Chemistry	(5) (5)	:		General Chemistry General Chemistry General Chemistry	(5) (5) (5)

	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	(4)
			<u>OR</u> MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)		alculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2 C	alculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE A	RTICULATED: College has	not
			submitted c	ourse(s) for articulati	on
MATH 17B	Calculus for Biosci	(4)		RTICULATED: College has	
				ourse(s) for articulati	
MATH 17C	Calculus for BioSci	(4)		RTICULATED: College has	
			submitted c	ourse(s) for articulati	on
	OR			OR	
MATH 21A			•		(5)
MATH 21B				alculus II	(4)
MATH 21C	Calculus	(4)	MATH 3 V	ector Calculus	(4)
PHYSICS 7A	General Physics	(4)		General Physics	(4)
11110100 /11		(- /	PHYSC 2B		(4)
PHYSICS 7B	General Physics	(4)		General Physics	(4)
		(= /		General Physics	(4)
PHYSICS 7C	General Physics	(4)		General Physics	
	-	. ,		General Physics	(4)

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

	OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYSC 4A 	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B 	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C 	Principles of Physics: (4) Electricity and Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE submitted	ARTICULATED: College ha course(s)for articulati	s not on
GEOLOGY 16	The Oceans	(3) GEOL 16 OR	Oceanography	(3)
		GEOL 16A	Oceanography w/Lab	(4)

END OF MAJOR

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a)	MATH	21A	Calculus	(4) MATH 1	Calculus I	(5)
a)	MATH	21B	Calculus	(4) MATH 2	Calculus II	(4)
a)	MATH	21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a)	MATH	21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)

a) MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(3)
	Differntl Equations	(3) MATH 4 Differential Equations	
		(5) PHYSC 4A Principles of Physics Mechanics	
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B Principles of Physics Waves, Sound, and Thermodynamics	s: (4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C Principles of Physics Electricity and Magnetism	s: (4)
a) PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE	
a) CHEM 2B	Genl Chemistry	CHEM 1B General Chemistry	
a) CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry	
a) ENGIN 17	Circuits I	(4) ENGR 6 Engineering Circuit Analysis	
a) ENGIN 45	Prop of Mats	(4) ENGR 4 Engineering Materials	(4)
ENG CHM 60 Er	ngineering Problem Solv OR	(4) OR	
a) ENG CS 30		(4) CSP 26A JAVA Programming	(3)
a) ENGIN 6	OR Engr Prob Solving	CSP 31A C++ Programming I OR (4) NO COMPARABLE COURSE	(3)

Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

a) UWRITING 1	Expository Writing OR	(4) ENG 1A 	Reading and Composition OR	(3)
a) ENGLISH 3	Intro to Lit	(4) ENG 18	Written Communications II: A Critical Introduction to Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg	(4) COM ST 1A	Public Speaking	(3)
	OR		OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COM ST 3	Interpersonal Communication	(3)
		·		

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

a) This articulation is approved for engineering majors.

====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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ (4)|MATH 1 Calculus I
(4)|MATH 2 Calculus II
(4)|MATH 3 Vector Calculus MATH 21A Calculus (5) MATH 21B Calculus (4) MATH 21C Calculus (4) OR OR Or high school equivalent _____ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 22Bvector Analysis(4) |MATH 3Vector Calculus(4)MATH 22BDifferntl Equations(3) |MATH 4Differential Equations(4)MATH 25Advanced Calculus(4) |NO COURSE ARTICULATED: Calculation submitted course(s) for articulation _____ 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 5 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ENG CS 30 Programming&Prob Solving (4) | CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) CSP 31B C++ Programming II (3) As of F18, Course Number = ENG CS 36B _____ END OF MAJOR

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

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

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

Or high school equivalent

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

MATH 21A MATH 21B MATH 21C MATH 21D MATH 22B MATH 25	Calculus Calculus Calculus Vector Analysis Differntl Equations Advanced Calculus	(4) (4) (4) (3)	NO COURSE	Calculus I Calculus II Vector Calculus Vector Calculus Differential Equations ARTICULATED: College ha course(s) for articulat	
 MATH 22AL	Lin Alg Comp Lab	(1)		ARTICULATED: College ha	

(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 TH	E FOLLOWING	COURSES:	
MATH	22A	Linear Algebra	(3) MATH	5 Linear	Algebra (3)
		AND			AND
MATH	108	Intro Abstract Math	(4) This	course must	be taken at UC Davis
	CD	OR SELECT	THE FOLLOW		

MATH 67	Modern Linear Algebra	(4) NO COURSE	ARTICULATED: College	has not
		submitted	course(s) for articula	ation
ENG CS 30	Programming&Prob Solving	(4) CSP 26A	JAVA Programming	(3)

As of F18, Course Number = ENG CS 36A	<u>OR</u> CSP 31A	C++ Programming I	(3)		
ECON 1A Princ of Microecon (4)	 ECON 1B 	Principles of Microeconomics	(3)		
ECON 1B Princ of Macroecon (4)	ECON 1A	Principles of Macroeconomics	(3)		
STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science					
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 Baccalaureate (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.

Or high school equivalent

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

<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 1 Calculus I (5				
MATH 21B	Calculus	(4) MATH 2 Calculus II (4				
MATH 21C	Calculus	(4) MATH 3 Vector Calculus (4				
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus (4				
MATH 22B	Differntl Equations	(3) MATH 4 Differential Equations (4				
MATH 25	Advanced Calculus	(4) NO COURSE ARTICULATED: College has no				
		submitted course(s) for articulation				
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has no				
		submitted course(s)for articulation				
	or equivalent basic }					
	-	required for both MATH 67 and 22A. Students				
		n Engineering 6, Mechanical Engineering 5 or				
in the one	unit course Mathematics 2	22AL (may be taken concurrently).				
BOTH OF THE FOLLOWING COURSES:						
MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra (3				
	AND	AND				
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis				
OR SELECT THE FOLLOWING COURSE:						
матн 67		(4) NO COURSE ARTICULATED: College has no				
	Modelin Hinear Migebra	submitted course(s) for articulation				
ENG CS 30	Programming&Prob Solvin	ng (4) CSP 26A JAVA Programming (3				
ENG CS 30	Programming&Prob Solvin	OR				
		OR CSP 31A C++ Programming I (3				
	18, Course Number = ENG Ca	CSP 31A C++ Programming I (3 S 36A				
As of F	18, Course Number = ENG CS OR	OR CSP 31A C++ Programming I (3				

Please note that the community college's computer science courses

may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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 Baccalaureate (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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	Calculus Calculus	(4) MATH 1 Calculus I (5) (4) MATH 2 Calculus II (4)
		school equivalent
MATH 21C MATH 21D MATH 22B MATH 25	Differntl Equations	<pre>(4) MATH 3 Vector Calculus (4) (4) MATH 3 Vector Calculus (4) (3) MATH 4 Differential Equations (4) (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
MATH 22AL	Lin Alg Comp Lab	
can learn in the one	it on their own, enroll in e unit course Mathematics :	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 AND	(3) MATH 5 Linear Algebra (3) AND
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Davis
		THE FOLLOWING COURSE.

OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A OR OR ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

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

PLAN 1: GENERAL MATHEMATICS						
PHYSICS 9A Classical Physics	(5)	PHYSC 4A		(4)		
			Mechanics			
PLAN 2: MATHEMA	rics :	FOR SECONDA	RY TEACHING			
	(-)			(1)		
PHYSICS 9A Classical Physics	(5)	PHYSC 4A	1 1 1	(4)		
-			Mechanics			
OR			OR			
PHYSICS 7A General Physics	(4)	! _	General Physics	(4)		
		PHYSC 2B	General Physics	(4)		
OR			OR			
STATIST 13 Elementary Statistics	(4)	MATH 12	Introduction to	(4)		
Same as: STATIST 13Y			Probability and			
			Statistics			
		OR				
		PSYCH 2	Statistical Methods for	(3)		
			Psychology and Social	(-)		
			Science			
OR		1	OR			
	(4)	INO COMDARA	•			
As of F18, title = Gateway to Data Science						

END OF MAJOR

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

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 2016-18 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 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4) MATH 1	Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 2	Calculus II	(4)
a) MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)
a) MATH 21D	Vector Analysis	(4) MATH 3	Vector Calculus	(4)
a) MATH 22A	Linear Algebra	(3) MATH 5	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 4	Differential Equations	(4)
a) CHEM 2A a) CHEM 2B	Genl Chemistry Genl Chemistry		General Chemistry General Chemistry General Chemistry	(5) (5) (5)
a) PHYSICS 9A	Classical Physics	(5) PHYSC 4A 	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYSC 4B 	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5) PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)
a) ENGIN 4 a) ENGIN 17	Graphics in Design Circuits I	(3) ENGR 2 (4) ENGR 6	Engineering Graphics Engineering Circuit Analysis	(3) (4)
a) ENGIN 35	Statics	(4) ENGR 8	Statics	(3)

a) ENGIN 6	Engr Prob Solving	(4) NO COMPARABLE COURSE	
a, <u>11011</u>	OR		
a) ENG CS 30	Programming&Prob	(4) CSP 26A JAVA Programming (3)
	Solving	OR	
		CSP 31A C++ Programming I (3)

Required for admission. Students must complete <u>one</u> programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

REQUIRED FOR GRADUATION:

a) UWRITING 1	Expository Writing	(4)	ENG	1A	Reading and Composition	(3)
	OR				OR	
a) ENGLISH 3	Intro to Lit	(4)	ENG 	1B	Written Communications II: A Critical Introduction to Literature	(3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English <u>composition</u> for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg	(4) COM ST 1A Public Speaking	(3)
a) COMUNCN 3	OR Intprsnl Com Cmpetnce	(4) COM ST 3 Interpersonal Communication	(3)
a) ENGIN 45	Prop of Mats	(4) ENGR 4 Engineering Materials	(4)
a) ENG MEC 50	Mfg Processes	(4) NO COMPARABLE COURSE	

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

a) This articulation is approved for engineering majors.

====Medieval and Early Modern Studies A.B.==== Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

available from our tag website.

MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B Art History: Europe from (3)
			the Fifteenth to the
			Twentieth Century
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages	(4)	NO COMPARABLE COURSE
	to Enlightenment		
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation

Literatures in English (4)|ENG 46A ENGLISH 10A Survey of British (3) Literature (4) NO COMPARABLE COURSE (4) NO COMPARABLE I: To 1700 Literature I GERMAN 48 Myth & Saga HISTORY 4A Western Civ HISTORY 4B Western Civ (4) |HIST 4A & History of Western (3) Civilization History of Western (3) HIST 4B Civilization HUMAN 1 Humanities Forum (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (2) NO COURSE ARTICULATED: College has not human 9 Don Quixote submitted course(s) for articulation PHILOS 21 Phil: Ancient (4) NO COMPARABLE COURSE As of F17, title = Phil Classics: Ancient PHILOS 22 Hist Phil: Early Modern (4) NO COMPARABLE COURSE As of F17, title = Phil Classics: Modern

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4
BIOLSCI 2B	Intro Biology: Ecology	(5)	 BIOL 1 & Core Biology (4
2101001 12	& Evolution	(0)	BIOL 2 & General Zoology (5
			BIOL 3 General Botany (4
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 <u>&</u> General Zoology (5
	Biodiversity & the Tree of Life		BIOL 3 General Botany (4
CHEM 2A C	Genl Chemistry	(5)	CHEM 1A General Chemistry (5
CHEM 2B C	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5
			CHEM 1B General Chemistry (5
CHEM 8A C	Drganic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B C	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 12A Organic Chemistry (5
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5
GUENA 110G		(1)	CHEM 12B Organic Chemistry (5
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
			submitted course(s) for articulation
МАТН 17В	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no
	OR		submitted course(s) for articulation
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5
MATH 21B	Calculus		MATH 2 Calculus II (4
	Principles Physics		NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR (4
PHYSICS 7A	General Physics	(4)	PHYSC 2A & General Physics (4
DUVOIO 7D	Conoral Dhuaiga	(1)	PHYSC 2B General Physics (4
PHYSICS 7B	General Physics	(4)	PHYSC 2A & General Physics(4PHYSC 2BGeneral Physics(4
PHYSICS 7C	General Physics	(4)	PHYSC 2BGeneral Physics(4PHYSC 2A & General Physics(4
FILIDICO /C	General Fliystcs	(=)	PHISC 2A <u>a</u> General Physics (4) PHYSC 2B General Physics (4)

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

END OF MAJOR

====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 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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 1 Core Biology (4
BIOLSCI 2B Intro Biology: Ecology	(5)	BIOL 1 & Core Biology (4
& Evolution	(-)	BIOL 2 & General Zoology (5
		BIOL 3 General Botany (4
BIOLSCI 2C Intro Biology:	(5)	BIOL 2 & General Zoology (5
Biodiversity & the Tree		BIOL 3 General Botany (4
of Life		Ì
CHEM 2A Genl Chemistry	(5)	CHEM 1A General Chemistry (5
CHEM 2B Genl Chemistry		CHEM 1A & General Chemistry (5
		CHEM 1B General Chemistry (5
CHEM 2C Genl Chemistry	(5)	CHEM 1B General Chemistry (5
CHEM 8A Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B Organic Chem-Brief	`` '	NO COMPARABLE COURSE
OR	(-)	OR
CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry (5
CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 12A & Organic Chemistry (5
		CHEM 12B Organic Chemistry (5
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
		submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has no
		submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no
		submitted course(s) for articulation
OR	(1)	OR (1
MATH 21A Calculus MATH 21B Calculus		MATH 1Calculus I(5)MATH 2Calculus II(4)
MATH ZIB CAICUIUS	(4) 	MAIH Z CAICUIUS II (4
PHYSICS 7A General Physics	(4)	PHYSC 2A & General Physics (4
		PHYSC 2B General Physics (4
PHYSICS 7B General Physics	(4)	PHYSC 2A & General Physics (4
		PHYSC 2B General Physics (4
PHYSICS 7C General Physics	(4)	PHYSC 2A & General Physics (4
		PHYSC 2B General Physics (4
It is highly recommended that student		
		t to the entire UC Davis Physics 7A/B/ transfer without completing an entire
series may be required to take additi		
Davis, and will need to meet with a U		
physics.	C Du	vib aavibor before continuing with
· · · · · · · · · · · · · · · · · ·		

 RECOMMENDED:

 MATH 21C
 Calculus
 (4) | MATH 3
 Vector Calculus
 (4)

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

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 2016-18 $\underline{General \ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	HIST 6C History of the Middle (3) East
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
 ТWO	YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:
ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
As of S17 u	nits = 4		

ARABIC 22 Intermed Arabic

(5) NO COURSE ARTICULATED: College has not

submitted course(s) for articulation

AS OL SI/,				
ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has no	t
			submitted course(s) for articulation	
As of F17,	units = 4			
	OR		OR	
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has no	t
		(3)	submitted course(s) for articulation	C
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has no	+
	Field Hebrew	(5)	submitted course(s) for articulation	L
		(L
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has no	L
			submitted course(s) for articulation	
HEBREW 21	Intermediate Modern	(5)	NO COURSE ARTICULATED: College has no	t
	Hebrew I		submitted course(s) for articulation	
As of F17,				
HEBREW 22	Intermediate Modern	(5)	NO COURSE ARTICULATED: College has no	t
	Hebrew II		submitted course(s) for articulation	
As of F17,	units = 4			
HEBREW 23	Intermediate Modern	(5)	NO COURSE ARTICULATED: College has no	t
	Hebrew III		submitted course(s) for articulation	
	OR		OR	
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has no	t
			submitted course(s) for articulation	
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has no	t
-		(-)	submitted course(s) for articulation	
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has no	t
11211 0112 0	, <u></u> , <u></u>	(0)	submitted course(s) for articulation	Ŭ
HIN-URD 21	Intermed Hindi/Urdu	(5)	NO COURSE ARTICULATED: College has no	+
HIN OND ZI	incernica minar, orda	(3)	submitted course(s) for articulation	C
As of F17,	unito - 1		submitted course(s) for articulation	
HIN-URD 22		- (E)	NO COURSE ARTICULATED: College has no	+
HIN-ORD ZZ	Incermed Hindi/ordu II	. (5)		L
			submitted course(s) for articulation	
As of F17,		(-)		
HIN-URD 23	Intermed Hindi/Urdu II	L (5)	NO COURSE ARTICULATED: College has no	t
			submitted course(s) for articulation	
As of F17,	units = 4			
				_

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

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

Special Advising Note:

As of S17, units =4

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

college gra http://llc	duation requirement in a f .ucdavis.edu/foreign-langu college Dean's Office or th	r who do not certify IGETC must complete a foreign language. See <u>uage-placement-exams</u> and check with your he Biology Academic Success Center for mo	
Advanced Pl	acement (AP)and Internatio	onal Baccalaureate (IB) Examination Note:	
General Cat	_	s are detailed in the UC Davis 2016-18 arts for <u>AP</u> and <u>IB</u> are also	
MUSIC 2A	Keyboard Competence	(2) NO COURSE ARTICULATED: College has : submitted course(s) for articulation	
MUSIC 2B	Keyboard Competence	(2) NO COURSE ARTICULATED: College has : submitted course(s) for articulation	
MUSIC 2C	Keyboard Competence	(2) NO COURSE ARTICULATED: College has a submitted course(s) for articulation	not
	STUDENTS MAY PASS OUT OF THROUGH EXAMINATION	F ONE OR MORE QUARTERS OF MUSIC 2A-C	
MITCITO CI			

MUSIC 6A	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
MUSIC 7B	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS
MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16B Elem Musicianship

(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
(2) NO COURSE ARTICULATED: College has not

MUSIC 16C Elem Musicianship

submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17B	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17C	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

l) MUSIC 24A	Intro Music History	(3) MUSIC 2A <u>&</u> Music History from Antiquity to 1750	(3)
		MUSIC 2B Music History from 1750 to Present	(3)
1) MUSIC 24B	Intro Music History	(3) MUSIC 2A <u>&</u> Music History from Antiquity to 1750	(3)
		MUSIC 2B Music History from 1750 to Present	(3)
1) MUSIC 24C	Intro Music History	(3) MUSIC 2A <u>&</u> Music History from Antiquity to 1750	(3)
		MUSIC 2B Music History from 1750 to Present	(3)

END OF MAJOR

1) If a student takes MUSIC 2A and 2B at San Joaquin Delta College, credit will be given for UC Davis's MUSIC 24A+B+C or 10, not both.

====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 2016-18 General Catalog . 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) NC	COMPARA	BLE COURSE	
N A STD 10 NA Expe OR		(4) NC	COMPARA	BLE COURSE	
N A STD 12 Native Film	Amer/Indigenous	(4) NC su	COURSE bmitted	ARTICULATED: course(s)for	College has not articulation

ONE OR TWO COURSES FROM:

Ν.	A	STD	34	NA Art Workshop	(4)	NO COMPARABLE COURSE
Ν.	A	STD	33			NO COMPARABLE COURSE
Ν.	А	STD	32	NA Music & Dance	(4)	NO COMPARABLE COURSE
				Film		submitted course(s)for articulation
Ν.	А	STD	12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
Ν.	А	STD	5	Intro NA Literature	• •	NO COMPARABLE COURSE

ONE OR TWO COURSES FROM:

	Intro Afro Studies Afr Tradit Relig	• •	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1 Cultural Anthropology (3)
As of W17, u	nits=5		
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3)
			History
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
a a std 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3)
			History
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation

COMPLIT 25 Ethnic Writers (4) NO COMPARABLE COURSE (4) SOCIO 33 Social Inequality in (3) CM&RGDE 2 Ethnicity Amer Comm the United States ENV S&P 10 Current Issues in (3) N R 2 Environmental Science (3) Environment ENV S&P 10 not open for credit to students who have completed ENV S&P 1 HISTORY 7A Latin America to 1700 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7B Latin America 1700-1900 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not HISTORY 7C Latin America 1900-Present submitted course(s) for articulation (4) HIST 17A History of the United (3) HISTORY 17A U.S. History States (4) HUM 4 Introduction to Linguistics LINGUIS 1 Intro Linguistics (3) Same as: ANTHR 4 END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> Core Biology BIOL 2 <u>&</u> General Zoology BIOL 3 General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 2 <u>&</u> General Zoology	(5) (4)
CHEM 2A CHEM 2B CHEM 2C	Genl Chemistry Genl Chemistry Genl Chemistry	<pre>(5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry CHEM 1B General Chemistry (5) CHEM 1B General Chemistry</pre>	(5) (5) (5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	

	OR	OR	
CHEM 118A	Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry (5	5)
CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 12A <u>&</u> Organic Chemistry (5	5)
		CHEM 12B Organic Chemistry (5	5)
CHEM 118C	Org Chem, Hlth & Sci	(4) CHEM 12B Organic Chemistry (5	5)
MATH 17A	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has no	ot
		submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has no	ot
		submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has no	ot
		submitted course(s) for articulation	
	OR	OR	
MATH 21A	Calculus	(4) MATH 1 Calculus I (5	5)
MATH 21B	Calculus	(4) MATH 2 Calculus II (4	ł)
PHYSICS 7A	General Physics	(4) PHYSC 2A 崔 General Physics (4	ł)
		PHYSC 2B General Physics (4	ł)
PHYSICS 7B	General Physics	(4) PHYSC 2A $\underline{\&}$ General Physics (4)	ł)
		PHYSC 2B General Physics (4	ł)
PHYSICS 7C	General Physics	(4) PHYSC 2A $\underline{\&}$ General Physics (4)	L)
		PHYSC 2B General Physics (4	Ł)

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

RECOMMENDED:

MATH 21C	Calculus	(4) MATH 3	Vector Calculus	(4)

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 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 2016-18 General Catalog . 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 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> BIOL 2 <u>&</u> BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL 2 <u>&</u> BIOL 3	General Zoology General Botany	(5) (4)
CHEM 2A Ge	nl Chemistry	(5) CHEM 1A	General Chemistry	(5)

	Genl Chemistry		CHEM 1B	<u>&</u> General Chemistry General Chemistry	(5) (5)
	Genl Chemistry			General Chemistry	(5)
	Organic Chem-Brief Organic Chem-Brief OR		1		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12	A Organic Chemistry A <u>&</u> Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 122 CHEM 121	A <u>&</u> Organic Chemistry B Organic Chemistry	(5) (5)
	OR		1	OR	
				A Organic Chemistry	
CHEM 128B	Organic Chemistry			A <u>&</u> Organic Chemistry B Organic Chemistry	
CHEM 129A		(2)	CHEM 12	A Organic Chemistry	(5)
	Discoveries and Concepts	(3)		Nutrition	(3)
	Research Methods		PSYCH 4 	Introduction to Research Methods in Psychology	
SOCIOL 46A	OR A Intro Social Rsch	(4)	NO COMPA	OR ARABLE COURSE	
The	e remaining preparatory subj major option y			s based on which	
	major option y	rou c	noose:		
	NUTRITIONAL				
ANTHRO 2 As of W17,	units=5	(4)	ANTHR 1	Cultural Anthropology	(3)
DGVCH 1	OR Ceneral Devehology	(4)	 DGVCH 1	OR Introduction to	(3)
PSICH I	OR	(4)		Psychology OR	(5)
SOCIOL 1		(5)	SOCIO 12	Sociology	(3)
COCTOT 2	OR Social Problems	(1)	 cocto 1t	OR B Problems of a Changing	(3)
SOCIOL 3	SOCIAL PRODIENTS	(4)		Society	(3)
		(3)	MATH 13	Survey of Calculus	(4)
			MATH 1		(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
PHYSICS 1A PHYSICS 1E	A Principles Physics B Principles Physics	(3) (3)	NO COMPA	ARABLE COURSE	
_	NUTRITION IN				
ANTHRO 2 As of W17,	units=5	(4)	ANTHR 1	Cultural Anthropology	(3)
SOCTOT. 1	OR Intro Sociology	(5)	I SOCTO 17	OR A Introduction to	(3)
500101 1	OR	(3)		Sociology OR	
			İ	B Problems of a Changing Society	
		(4)	ECON 1B	Principles of Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)

_____ PSYCH 1 General Psychology (4) PSYCH 1 Introduction to (3) | Psychology _____ 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 _____ Cultural Diversity and Community Change Area: AMR STD 55 Food in Amer Culture (4) NO COURSE ARTICULATED: College has not Same as: FD S&T 55|submitted course(s) for distanceCM&RGDE 2Ethnicity Amer Comm(4)SOCIO 33Social Inequality in(3)the United States INT AG 10 Intro Intl Ag Development (4) NO COMPARABLE COURSE _____ Natural and Applied Sciences Area: CM&RGDE 20Food Systems(4) NO COURSE ARTICULATED: College has r
submitted course(s)for articulationPHILOS 15Intro to Bioethics(4) NO COMPARABLE COURSESCI&SOC 2Feeding the Planet(3) NO COMPARABLE COURSESCI&SOC 15Aids & Society(4) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has not Course discontinued as of F17 END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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 Baccalaureate (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 2016-18 <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 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
	CHEM 1B General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2CH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
PHYSICS 7A General Physics	(4) PHYSC 2A & General Physics (4)
	PHYSC 2B General Physics (4)
PHYSICS 7B General Physics	(4) PHYSC 2A & General Physics (4)
	PHYSC 2B General Physics (4)
PHYSICS 7C General Physics	(4) PHYSC 2A & General Physics (4)
	PHYSC 2B General Physics (4)
Tt is bighly recommended that studen	nta complete en entire physica corried et

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.

phybreb.	OR		I	OR	
PHYSICS 9A	Classical Physics	(5)	 PHYSC 4A 	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics: Electricity and Magnetism	(4)
		·	10		
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus Calculus I	(4) (5)
MATH 16B	Short Calculus	(2)	1	Calculus II	(3)
MATH 16B MATH 16C	Short Calculus		MATH 2	Calculus II	(4)
MAIH IOC	OR	(3)	MAIH Z	OR	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
MAIN 1/A	Calculus for Broser	(=)		course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has	
	calculus for broser	(1)		course(s) for articulatio	
MATH 17C	Calculus for BioSci	(4)	1	ARTICULATED: College has	
		(1)		course(s) for articulatio	
	OR			OR	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
MATH 21A	Calculus	(4)	і Іматн 1		(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Calculus I Calculus II Vector Calculus	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BTOL 1 &		(4)
DICEDCI 10	& Evolution	(3)		General Zoology	(5)
			BIOL 3		(4)
	OR			OR	(-)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 2 &	-	(5)
	Biodiversity & the Tree				(4)
	of Life		İ	-	. ,
STATIST 13	Elementary Statistics	(4)	MATH 12		(4)
Same as:	STATIST 13Y			Probability and	
				Statistics	
			OR		
			PSYCH 2	Statistical Methods for	(3)
				Psychology and Social	
				Science	
	OR	(1)		OR	
STATIST 32	Stat Anlys Thru Comp title = Gateway to Data Sc:		1	ABLE COURSE	
AS OI F18,	title = Gateway to Data Sci	lence	3		
CHEM 118A	Org Chem, Hlth & Sci	(4)	 CHEM 12A	Organic Chemistry	(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A	5 1	(5)
	org chem, hitch & Der	(=)	CHEM 12A		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B		(5)
	Org chem, Hith & Sti	(1)		OR OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 12A		(5)
CHEM 128B	Organic Chemistry		CHEM 12A		(5)
		/	CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab		CHEM 12A		(5)
	2	. ,		5	. /

CHEM 129B	Organic Chem Lab	(2) CHEM 12A &	Organic Chemistry	(5)
		CHEM 12B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2) CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18
 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also
 available from our TAG website.

GENERAL EMPHASIS:						
PHILOS 12	Intro to Symbol Logic	(4) PHILO 30	Introductory Logic	(3)		

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4) PHILO 6	Introduction to	(3)
			Philosophy	

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil: Ancient (4) NO COMPARABLE COURSE As of F17, title = Phil Classics: Ancient

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Hist Phil: Early Modern (4) NO COMPARABLE COURSE As of F17, title = Phil Classics: Modern

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)	PHILO 40 Ethics	(3)
	OR		OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 24	Intro to Ethics	(4)	PHILO 40 Ethics	(3)

f. <u>PHILOSOPHY OF SCIENCE</u>

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						

	COURSE ARTICULATED: College has not
World submitted course(s) for articulation	<pre>bmitted course(s) for articulation</pre>
PRE-LAW EMPHASIS	HASIS

ONE COURSE FROM THE FOLLOWING:

d) PHILOS 14 PHILOS 15	Eth Soc Prob in Soc Intro to Bioethics	(4) PHILO 40 (4) NO COMPARA		(3)		
PHILOS 16	Phil Foundations of Amer			-		
	Democ	submitted	course(s)for an	ticulation		
ALL OF THE FOLLOWING COURSES:						
c) PHILOS 5	Critical Reasoning	(4) PHILO 30	Introductory	Logic (3)		
PHILOS 12	Intro to Symbol Logic	(4) PHILO 30	Introductory	Logic (3)		
PHILOS 24	Intro to Ethics	(4) PHILO 40	Ethics	(3)		

PRE-MED EMPHASIS:

 PHILOS 24
 Intro to Ethics
 (4) PHILO 40
 Ethics
 (3)

 PHILOS 30
 Intro Philos of Sci
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 PHILOS 31
 Scientific Reason
 (4) NO COMPARABLE COURSE

 PHILOS 32
 Scientific Change
 (4) NO COMPARABLE COURSE

 PHILOS 32
 Scientific Change
 (4) NO COMPARABLE COURSE

 PHILOS 32
 Intro to Symbol Logic
 (4) PHILO 30
 Introductory Logic
 (3)

 PHILOS 12
 Intro to Bioethics
 (4) NO COMPARABLE COURSE
 (3)

 PHILOS 15
 Intro to Bioethics
 (4) NO COMPARABLE COURSE

 PHILOS 38
 Intro Philos of Biol
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both
- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

====Physics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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 Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

PHYSICS 9A Classical Physics (5) PHYSC 4A Principles of Physics: (4) PHYSICS 9B Classical Physics (5) PHYSC 4B Principles of Physics: (4) Waves, Sound, and Thermodynamics PHYSICS 9C Classical Physics (5) PHYSC 4C Principles of Physics: (4) PHYSICS 9C Classical Physics (5) PHYSC 4C Principles of Physics: (4) PHYSICS 9D Modern Physics (5) PHYSC 4C Principles of Physics: (4) PHYSICS 9D Modern Physics (5) PHYSC 4C Principles of Physics: (4) 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 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 PHYSICS 9HE Honors Physics (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation PHYSICS 9HE Hono					
Waves, Sound, and ThermodynamicsPHYSICS 9CClassical Physics(5)PHYSICS 9DModern Physics(5)PHYSICS 9DModern Physics(4)NOCOMPARABLE 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 articulationPHYSICS 9HEHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HEHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HEHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HEHonors Physics(4)MATH 21ACalculus(4)MATH 21BCalculus(4)MATH 21DVector Analysis(4)MATH 3Vector Calculus(4)	PHYSICS 9A	Classical Physics	(5)	PHYSC 4A 	
PHYSICS 9C Classical Physics (5) PHYSC 4C Principles of Physics: (4) Electricity and 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 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 PHYSICS 9HE 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 PHYSICS 9HE Honors Physics (5) NO COURSE	PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Waves, Sound, and
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 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 PHYSICS 9HE 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 (4) MATH 1 Calculus I (5) MATH 21B Calculus (4) MATH 2 Calculus (4) MATH 21D	PHYSICS 9C	Classical Physics	(5)	PHYSC 4C	Principles of Physics: (4) Electricity and
ORORPHYSICS 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 articulationPHYSICS 9HEHonors Physics(5)NO COURSE ARTICULATED: College has not submitted course(s) for articulationPHYSICS 9HEHonors Physics(5)NO COURSE ARTICULATED: College has not 	PHYSICS 9D	Modern Physics	(4)	NO COMPARA	-
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MATH 21ACalculus(4) MATH 1Calculus I(5)MATH 21BCalculus(4) MATH 2Calculus II(4)MATH 21CCalculus(4) MATH 3Vector Calculus(4)MATH 21DVector Analysis(4) MATH 3Vector Calculus(4)			(=)		
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MATH 21D Vector Analysis (4) MATH 3 Vector Calculus (4)			. ,		
	-				
	MATH 22A	Linear Algebra	. ,		Linear Algebra (3)

 MATH 22B
 Differntl Equations
 (3) | MATH 4
 Differential Equations
 (4)

 PHYSICS 80
 Experimental Techniques
 (4)

END OF MAJOR

====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 highly 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 Baccalaureate (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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYSC 4A	Principles of Physics Mechanics	: (4)
PHYSICS 9B	Classical Physics	(5)	PHYSC 4B	Principles of Physics	• (1)
PHISICS 9B	Classical Physics	()		Waves, Sound, and	• (4)
			1	Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C		• (1)
PHISICS 9C	Classical Physics	()		Electricity and	• (4)
			1	Magnetism	
PHYSICS 9D	Modern Physics	(1)		ABLE COURSE	
PHISICS 9D	OR	(4)	INO COMPARA	OR	
PHYSICS 9HA		(5)	NO COURSE	ARTICULATED: College has	a not
IIIDICD JIIA	nonors rhysres	())	1	course(s) for articulat	
PHYSICS 9HB	Honors Physics	(5)	1	ARTICULATED: College has	
FILIDICS JIID	Honors Filystes	())		course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	1	ARTICULATED: College has	
FILIDICS JIC	nonors rilystes	()		course(s) for articulat:	
PHYSICS 9HD	Honors Physics	(5)		ARTICULATED: College has	
	nonors rhysres	())		course(s) for articulat	
DHVSTCS 9HF	Honors Physics	(5)		ARTICULATED: College has	
	nonors inysies	())		course(s) for articulat	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus		MATH 2	Calculus II	(4)
MATH 21C	Calculus		MATH 3	Vector Calculus	(4)
MATH 21D	Vector Analysis		MATH 3	Vector Calculus	(4)
MATH 22A	-		MATH 5	Linear Algebra	(3)
MATH 22B	Differntl Equations			Differential Equations	
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
	-		OR		
			CSP 31A	C++ Programming I	(3)
As of Fl	8, Course Number = ENG CS 3	36A			

Or equivalent programming course

PHYSICS 80	Experimental Techniques	(4)

HIGHLY RECOMMENDED

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following courses are RECOMMENDED:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4) NO COMPARA 	ABLE COURSE	
	Sftwr/Obj-Orien:C++ , Course Number = ENG CS		C++ Programming II	(3)

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 2018-19)

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 2016-18 <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 	1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL BIOL BIOL	2 &	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL BIOL 	_	General Zoology General Botany	(5) (4)
	nl Chemistry nl Chemistry	(5) (5)	CHEM CHEM CHEM	1A <u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)

CHEM 8A CHEM 8E		Organic Organic						BLE COURSE BLE COURSE	
STATIST Same	-	Eleme STATIST	_	tatistics	(4)	 MATH 	. 12 R	Introduction to Probability and Statistics	(4)
						PSYC	_	Statistical Methods for Psychology and Social Science	(3)
				RECOMMENI	DED (COURS	ES:		
CHEM 20	!	Genl Che	emistry		(5)	CHEM	1B	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 2018-19)

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

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

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

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

* Students planning for the major biochemistry and molecular biology should

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . 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 1 Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1 <u>&</u> Core Biology BIOL 2 & General Zoology	(4) (5)
		BIOL 3 General Botany	(4)
BIOLSCI 2C	Intro Biology:	(5) BIOL 2 🧟 General Zoology	(5)
	Biodiversity & the Tree	BIOL 3 General Botany	(4)
	of Life		
 CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry	(5)
	Genl Chemistry	(5) CHEM 1A & General Chemistry	(5)
	-	CHEM 1B General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2) NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4) NO COMPARABLE COURSE	
	OR	OR	
CHEM 118A	Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 12A <u>&</u> Organic Chemistry CHEM 12B Organic Chemistry	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4) CHEM 12B Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
MATH 17B	Calculus for Biosci	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulatio	not
MATH 17C	Calculus for BioSci	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulatio	not
	OR	OR	
MATH 21A	OR Calculus	OR (4) MATH 1 Calculus I	(5)
MATH 21A MATH 21B	Calculus		(5) (4)
	Calculus	(4) MATH 1 Calculus I (4) MATH 2 Calculus II	• •
MATH 21B	Calculus Calculus General Physics	 (4) MATH 1 Calculus I (4) MATH 2 Calculus II (4) PHYSC 2A <u>&</u> General Physics PHYSC 2B General Physics 	(4) (4) (4) (4)
MATH 21B	Calculus Calculus	<pre>(4) MATH 1 Calculus I (4) MATH 2 Calculus II (4) PHYSC 2A & General Physics</pre>	(4) (4)
MATH 21B PHYSICS 7A	Calculus Calculus General Physics	 (4) MATH 1 Calculus I (4) MATH 2 Calculus II (4) PHYSC 2A <u>&</u> General Physics PHYSC 2B General Physics 	(4) (4) (4) (4)
MATH 21B PHYSICS 7A	Calculus Calculus General Physics	 (4) MATH 1 Calculus I (4) MATH 2 Calculus II (4) PHYSC 2A & General Physics PHYSC 2B General Physics (4) PHYSC 2A & General Physics 	(4) (4) (4) (4) (4)

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO C	OURSE	ARTICUL	ATED:	College	has not
			subm	itted	course(s) for	articul	ation
MATH 21C	Calculus	(4)	MATH	3	Vector	Calcul	us	(4)

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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1	Core Biology	(4)
BIOLSCI 2B			Core Biology General Zoology General Botany	(4) (5) (4)
PL SCI 2	Bot Physio Cul Plt	(4) PLANT 10	Principles of Plant Science	(3)

_____ CHEM 2AGenl Chemistry(5)CHEM 1AGeneral Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 1A $\underline{\mathbf{\&}}$ General Chemistry(5)CHEM 1B General Chemistry (5) (5) CHEM 1B General Chemistry CHEM 2C Genl Chemistry (5) _____ CHEM 8AOrganic Chem-Brief(2) NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) NO COMPARABLE COURSE ORORCHEM 118AOrg Chem, Hlth & Sci(4)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 12A**&**Organic Chemistry(5) CHEM 12B Organic Chemistry (4) CHEM 12B Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (5) _____ MATH 16A Short Calculus (3) MATH 13 Survey of Calculus (4) OR MATH 1 Calculus I (3) MATH 2 Calculus II (5) MATH 16B Short Calculus (4) OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ PHYSICS 1APrinciples Physics(3) | NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) | NO COMPARABLE COURSE OR OR PHYSICS 7A General Physics (4) PHYSC 2A <u>&</u> General Physics (4) PHYSC 2B General Physics (4) PHYSC 2A <u>&</u> General Physics (4)PHYSICS 7B General Physics (4) PHYSC 2B General Physics (4) PHYSICS 7C General Physics (4) PHYSC 2A <u>&</u> General Physics (4) PHYSC 2B General Physics (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE _____ COURSES FOR THE CROP PRODUCTION OPTION: ECON 1A Princ of Microecon (4) ECON 1B Principles of (3) Microeconomics OR OR AGRESEC 15 Pop, Envr, World Agri (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ RECOMMENDED COURSES FOR THE MAJOR: ABIOSYT 49 Fld Equip Oper (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR PL SCI 49 Org Crop Prod Prac (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ END OF MAJOR ====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . 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) POLSC 1 American Government and (3) | Institutions

TWO COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4) POLSC 2 Introduct: Comparativ	ion to (3) ve Politics
POL SCI 3	Internatl Relations	(4) POLSC 5 Internatio	onal Relations (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4) POLSC 3 Introduct:	ion to (3)
		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	(4) NO COURSE ARTICULATE	~
	Politics	submitted course(s)	for articulation

(4)

<u>OR</u> PSYCH

PSYCH 2 Statistical Methods for (3) Psychology and Social Science

Introduction to

Probability and Statistics

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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) POLSC 1	American Government and (3)
			Institutions

POL	SCI	2	Intro Comp Politics	(4)	POLSC 2	Introduction to	(3)
				ĺ		Comparative Politics	
POL	SCI	3	Internatl Relations	(4)	POLSC 5	International Relations	(3)
POL	SCI	4	Bas Cnpt/Pol Thry	(4)	POLSC 3	Introduction to	(3)
				Í		Political Theory	

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation POL SCI 1 Amer Natl Govt (4) POLSC 1 American Government and (3) Institutions (4) | POLSC 2 POL SCI 2 Intro Comp Politics Introduction to (3) Comparative Politics POL SCI 3 Internatl Relations (4) POLSC 5 International Relations (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLSC 3 Introduction to (3) Political Theory Probs/Am Pol Sys POL SCI 5 (4) NO COMPARABLE COURSE POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE POL SCI 11A (4) NO COURSE ARTICULATED: College has not America Decides submitted course(s) for articulation POL SCI 11B Citizen Lawmaking (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation POL SCI 11C Politics & Film (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation (4) NO COURSE ARTICULATED: College has not POL SCI 11D Political Persuasion submitted course(s)for articulation POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation POL SCI 12B Climate Chg & Politics (4) _____ POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not Politics submitted course(s) for articulation _____ STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science END OF MAJOR

====Psychology A.B.====

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.

*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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ PSYCH 1 General Psychology (4) PSYCH 1 Introduction to (3) Psychology PSYCH 41 Research Methods (4) PSYCH 4 Introduction to (3) Research Methods in Psychology ______ STATIST 13Elementary Statistics(4) | MATH 12Introduction toSame as:STATIST 13YProbability and (4) Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science _____ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1 Core Biology (4) Earth

OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) BIOL 10 Survey of Biology (4) AND ONE COURSE FROM NTUDO 1 Unman Fiel Diel (4) NTUD 2 Dielegigel Anthropology (2)

ANTHRO 1	Human Evol Biol	(4)	ANTHR 2	Biological	Anthropology	(3)
	OR			OR		
MOL&CB 10	Intro Human Here	dity (4)	NO COMPARA	ABLE COURSE		
	OR			OR		
NE PH B 10	Elem Human Phys	io (3)	BIOL 32	Human Physi	lology	(5)
END OF MAJO	ર					

====Psychology B.S. (Biological)====

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:

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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

available from our TAG V	website.			
PSYCH 1 General Psych	nology (4)	PSYCH 1	Introduction to Psychology	(3)
PSYCH 41 Research Met	chods (4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)
STATIST 13 Elementary Same as: STATIST 13Y	Y Statistics (4)	MATH 12	Introduction to Probability and Statistics	(4)
		<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)
MATH 16A Short Calcul	lus (3)	MATH 13	Survey of Calculus	(4)
MATH 16B Short Calcul OR	lus (3)	MATH 1 MATH 2	Calculus I Calculus II OR	(5) (4)
MATH 17A Calculus for	BioSci (4)	1	ARTICULATED: College has course(s) for articulation	
MATH 17B Calculus for	Biosci (4)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
OR		İ	OR	
MATH 21A Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B Calculus	(4)	MATH 2	Calculus II	(4)
	nscientists (4)	PHYSC 10	Introduction to Physics	(4)
OR			OR	
PHYSICS 10C Physics of	of California (3)		ARTICULATED: College has course(s) for articulation	
OR		İ	OR	
PHYSICS 7A General Ph	nysics (4)		General Physics	(4)
PHYSICS 7B General Ph	nysics (4)	PHYSC 2B PHYSC 2A PHYSC 2B	General Physics General Physics General Physics	(4) (4) (4)
their community college series before transferri	that is equivalen ing. Students who to take additional	mplete an e t to the en transfer wi physics co	entire physics series at ntire UC Davis Physics 7A ithout completing an enti: ourses upon arrival at UC	/B/C
Davis, and will need to physics.	meet with a UC Da	vis adviso:	r before continuing with	

	Intro Biology: Ecology & Evolution	(5)	-	2 &	Core Biology General Zoology General Botany	(4) (5) (4)
1	Intro Biology: Biodiversity & the Tree of Life		BIOL BIOL 	_	General Zoology General Botany	(5) (4)
CHEM 2A Gen	l Chemistry	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B Gen	l Chemistry	(5)	CHEM	1A <u>&</u>	General Chemistry	(5)
			CHEM	1B	General Chemistry	(5)
CHEM 8A Org	anic Chem-Brief	(2)		MPAR	ABLE COURSE	
CIIDM OF OLG		(2)	1110 00	/		
-	anic Chem-Brief				ABLE COURSE	
-		(4)	NO CO 	MPAR.	ABLE COURSE OR	
CHEM 8B Orga	anic Chem-Brief OR rg Chem, Hlth & Sci	(4)	NO CO CHEM	MPAR	ABLE COURSE OR Organic Chemistry	(5)
CHEM 8B Orga	anic Chem-Brief OR	(4)	NO CO 	MPAR	ABLE COURSE OR Organic Chemistry	(5) (5)
CHEM 8B Orga	anic Chem-Brief OR rg Chem, Hlth & Sci	(4)	NO CO CHEM	MPAR 12A 12A	ABLE COURSE OR Organic Chemistry <u>&</u> Organic Chemistry	• •
CHEM 8B Orga	anic Chem-Brief OR rg Chem, Hlth & Sci	(4)	NO CO CHEM CHEM	MPAR 12A 12A	ABLE COURSE OR Organic Chemistry <u>&</u> Organic Chemistry	(5)
CHEM 8B Orga CHEM 118A O: CHEM 118B O:	anic Chem-Brief OR rg Chem, Hlth & Sci rg Chem, Hlth & Sci	(4) (4) (4)	NO CO CHEM CHEM	MPAR 12A 12A 12B	ABLE COURSE OR Organic Chemistry Organic Chemistry Organic Chemistry OR	(5)
CHEM 8B Orga CHEM 118A O: CHEM 118B O: CHEM 128A O:	anic Chem-Brief OR rg Chem, Hlth & Sci rg Chem, Hlth & Sci OR	(4) (4) (4) (3)	NO CC CHEM CHEM CHEM 	MPAR 12A 12A 12B 12A	ABLE COURSE OR Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry	(5) (5)
CHEM 8B Orga CHEM 118A O: CHEM 118B O: CHEM 128A O:	anic Chem-Brief OR rg Chem, Hlth & Sci rg Chem, Hlth & Sci OR rganic Chemistry	(4) (4) (4) (3)	NO CC CHEM CHEM CHEM CHEM	MPAR 12A 12A 12B 12A 12A	ABLE COURSE OR Organic Chemistry Organic Chemistry Organic Chemistry OR Organic Chemistry	(5) (5) (5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A <u>or</u> Biological Sciences 10 <u>and one</u> course from: Anthropology 1 <u>or</u> Molecular and Cellular Biology 10 <u>or</u> Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B.

degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1	General Psychology	(4) PSYCH 1 	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4) PSYCH 4 	Introduction to Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) MATH 12 OR	Introduction to Probability and Statistics	(4)
		PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
MATH 21A MATH 21B MATH 21C	Calculus Calculus Calculus Calculus	(4) MATH 1 (4) MATH 2 (4) MATH 3	Calculus I Calculus II Vector Calculus	(5) (4) (4)

_____ ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A OR OR ENG CS 10 Intro to Programming (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. _____ (4) CHEM 10 Exploring Everyday (3) CHEM 10 Concept of Chem Chemistry OR OR (5) CHEM 1A General Chemistry (5) CHEM 2A Genl Chemistry CHEM 2A Gen1 Chemistry CHEM 2B Gen1 Chemistry (5)|CHEM 1A を General Chemistry (5)CHEM 1B General Chemistry (5) OR OR CHEM 2AHHonors Genl Chemistry(5) NO COMPARABLE COURSECHEM 2BHHonors Genl Chemistry(5) NO COMPARABLE COURSE _____ PHYSICS 10 Topics, Nonscientists (4) PHYSC 10 Introduction to (4) Physics OR OR Physics of California (3) NO COURSE ARTICULATED: College has not PHYSICS 10C submitted course(s) for articulation OR OR PHYSICS 7A General Physics (4) PHYSC 2A & General Physics (4) PHYSC 2B General Physics (4) PHYSICS 7B General Physics (4) PHYSC 2A <u>&</u> General Physics (4) PHYSC 2B General Physics (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1 Core Biology (4) Earth OR A COMBINATION OF BIOLSCI 10 Everyday Biology (4) BIOL 10 Survey of Biology (4) AND ONE COURSE FROM (4) ANTHR 2 Biological Anthropology (3) ANTHRO 1 Human Evol Biol OR OR Intro Human Heredity (4) NO COMPARABLE COURSE MOL&CB 10 OR OR NE PH B 10 Elem Human Physio (3) BIOL 32 Human Physiology (5) END OF MAJOR ====Religious Studies A.B.==== Special Advising Note:

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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)	RELGN 14A 	Great Religions of (3) the Eastern World
			OR	
			RELGN 14B	Great Religions of (3)
				the Western World
REL STD 1A	Pilgrimage	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
REL STD 1B	Death and Afterlife	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
REL STD 1C	Sacrifice	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
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 18	Sex, Marriage, Divorce		NO COURSE ARTICULATED: College has not
	Sent, marriage, proree	(- /	submitted course(s) for articulation
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not
		(1)	submitted course(s) for articulation
	FOUR COURSES FI	ROM	THE FOLLOWING:
REL STD 10	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
	Issues		submitted course(s) for articulation
REL STD 10A	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
	Issues		submitted course(s) for articulation
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED:College has not
			submitted course(s) for articulation
REL STD 12	Emergence Abrahamic	(4)	NO COURSE ARTICULATED:College has not
	Religions		submitted course(s) for articulation
REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
	tle = The Bible		
REL STD 23	Intro Judaism		NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
REL STD 40	New Testament		NO COMPARABLE COURSE
REL STD 42	Religion and Sci	(4)	NO COURSE ARTICULATED: College has not
	Fiction		submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
REL STD 60	Introduction to Islam		NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not
	TT i an dan i ann	(1)	submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
		(1)	submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not
	Delivier and Levenser	(1)	submitted course(s) for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not
		(1)	submitted course(s) for articulation
REL STD 75	Introduction to Chinese	(4)	INU COMPARABLE COURSE
	Philosophy Roligion Condon Sou	(1)	
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

RECOMMENDED:

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

====Russian A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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 2016-18 <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.

RUSSIAN 1	Elementary Russian	(5) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
RUSSIAN 2	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4) NO COMPARABLE COURSE
END OF MAJOR		

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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SCI&TEC 1 Intro Sci & Tech Std (4) NO COMPARABLE COURSE SCI&TEC 20 Sci & Tec Std Methods (4) NO COMPARABLE COURSE

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8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4) 1	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 3 M	Medicine & Humanities		NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	!	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) 1	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4) 1	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3) 1	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4) 1	NO COURSE ARTICULATED: College has not
	Culture	1	submitted course(s) for articulation
Same as:	ANTHRO 32		

8 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://catalog.ucdavis.edu/programs/STS/STSreqt.html

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5) SOCIO 1A Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPARABLE COURSE AND	

_____ ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCIO 1B Problems of a Changing (3)
			Society
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1 (Cultural Anthropology	(3)
As of W17,	units=5				
	OR			OR	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABI	LE COURSE	

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 4A & History of Western (3)
			Civilization
			HIST 4B History of Western (3)
			Civilization
	Western Civ		
			HIST 6C History of the Middle (3) 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
	Indian Civilization		NO COMPARABLE COURSE
	East Asian Civ		
	East Asian Civ		
HISTORY 10C	World History III	(4)	HIST 2BWorld History since(3)1600
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE
Course disco	ntinued as of S18		
HISTORY 17A	U.S. History	(4)	HIST 17A History of the United (3) States
HISTORY 17B	U.S. History	(4)	HIST 17B History of the United (3)
			States
	ONE COURSE FR	OM T	HE FOLLOWING:
c) PHILOS 5	Critical Reasoning	(4)	PHILO 30 Introductory Logic (3)
d) PHILOS 14	Eth Soc Prob in Soc	(4)	PHILO 40 Ethics (3)
	Intro to Ethics		PHILO 40 Ethics (3)

END OF MAJOR

- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both
- d) Students who complete PHILO 40 at San Joaquin Delta 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:

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SOCIOL 1	Intro Sociology	(5) SOCIO 1A Introduction to (3) Sociology
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	AND Intro Social Rsch	(5)	 NO COMPAR.	AND ABLE COURSE	
ECON 1B E	Princ of Macroecon	(4)	ECON 1A 	Principles of Macroeconomics	(3)
ANTHRO 2 As of W17, u		(4)	ANTHR 1	Cultural Anthropology	(3)
ANTHRO 20	OR Comparative Cultures	(4)	 NO COMPAR.	OR ABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 2B 	World History since 1600 OR	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 2	Introduction to Comparative Politics	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move 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 2016-18 General Catalog . Quick reference charts for \underline{AP} and \underline{IB} are also available from our TAG website. _____ (5)|SOCIO 1A Introduction to | Sociology SOCIOL 1 Intro Sociology (3) _____ SOCIOL 3 Social Problems (4) |SOCIO 1B Problems of a Changing (3) Society OR OR SOCIOL 4 Immigrtn & Opprtnty (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR SOCIOL 11 Sociology of Labor and (4) NO COURSE ARTICULATED: College has not Employment | submitted course(s) for articulation _____ SOCIOL 46A Intro Social Rsch (4) NO COMPARABLE COURSE AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ 4 QUARTER UNITS FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (4) ANTHR 1 Cultural Anthropology (3) As of W17, units=5 ANTHRO 20Comparative Cultures(4) | NO COMPARABLE COURSEPOL SCI 1Amer Natl Govt(4) | POLSC 1American G (4) POLSC 1 American Government and (3) Institutions POL SCI 3Internatl Relations(4)POLSC 5International Relations (3)POL SCI 4Bas Cnpt/Pol Thry(4)POLSC 3Introduction to (3)POL SCI 7LLLL POL SCI 7 Law & Politics (4) | NO COMPARABLE COURSE _____ 4 QUARTER UNITS FROM THE FOLLOWING: HISTORY 4A Western Civ (4) NO COMPARABLE COURSE HISTORY 4B Western Civ (4) HIST 4A & History of Western (3) Civilization HIST 4B History of Western (3) Civilization HISTORY 4C Western Civ (4) NO COMPARABLE COURSE HISTORY 6 Intro to Middle East (4) HIST 6C History of the Middle (3) 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 7CLatin America
1900-Present(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationHISTORY 8Indian Civilization
HISTORY 9A(4) NO COMPARABLE COURSEHISTORY 9AEast Asian Civ
HISTORY 9B(4) NO COMPARABLE COURSEHISTORY 10CWorld History III(4) NO COMPARABLE COURSE(4) NO COMPARABLE COURSE(4) NO COMPARABLE COURSE(4) NO COMPARABLE COURSE(4) NO COMPARABLE COURSE(4) HIST 2BWorld History since(3)(4) HIST 2B(3) 1600 HISTORY 15 Intro African Hist (4) NO COMPARABLE COURSE Course discontinued as of S18

HISTORY 17A	U.S. History	(4) HIST 17A 	History of the United States	(3)
HISTORY 17B	U.S. History	(4) HIST 17B 	History of the United States	(3)
c) PHILOS 5	Critical Reasoning OR	(4) PHILO 30	Introductory Logic OR	(3)
d) PHILOS 14	Eth Soc Prob in Soc OR	(4) PHILO 40	Ethics OR	(3)
PHILOS 24	Intro to Ethics	(4) PHILO 40	Ethics	(3)

END OF MAJOR

- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both
- d) Students who complete PHILO 40 at San Joaquin Delta 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.

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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.

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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 1A Introduction to (3) Sociology
SOCIOL 2	Self and Society OR	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCIO 1B Problems of a Changing (3) Society
SOCIOL 46A	Intro Social Rsch AND	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 1Introduction to(3)Psychology
	6-8 QUARTER UNI	TS F	ROM THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
a a std 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American (3) History
a a std 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American (3) History
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	`` '	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not 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

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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 1A Introduction to (3) Sociology
	AND		AND
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
SOCIOL 11		(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
	AND	. ,	AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of (3)
		()	Microeconomics
	AND		AND
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of (3)
			Macroeconomics

END OF MAJOR

Special Advising Note:

====Spanish 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.

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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5) SPAN 1 Elementary Spanish I ((5)
SPANISH 2	Elementary Spanish	(5) SPAN 1 & Elementary Spanish I ((5)
		SPAN 2 Elementary Spanish II ((5)
SPANISH 3	Elementary Spanish	(5) SPAN 2 Elementary Spanish II ((5)
SPANISH 21	Intm Spanish	(5) SPAN 3 Intermediate Spanish I ((5)
SPANISH 22	Intm Spanish	(5) SPAN 4 Intermediate Spanish II ((5)
SPANISH 23	Span Comp I	(4) NO COMPARABLE COURSE	
SPANISH 24	Span Comp II	(4) NO COMPARABLE COURSE	
	OR	OR	
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE	
SPANISH 33	Int Span Nat Spk III	(5) NO COMPARABLE COURSE	

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4) HUM 4 Same	Introduction to Linguistics as: ANTHR 4	(3)

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____

MATH 16A Short Calculus

				Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	s not
			submitted	course(s) for articulati	on
MATH 17B	Calculus for Biosci	(4)	-	ARTICULATED: College has	
		()	-	course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
		(-)		course(s) for articulati	
	OR			OR	.011
MATH 21A		(4)	 אאדים 1	•	(5)
MATH 21A MATH 21B					(3)
					. ,
MATH 21C		(4)	MAIH 3	Vector Calculus	(4)
		(2)			(2)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	NO COMPARA		
	OR			OR	
ENG CS 30	Programming&Prob Solving	g (4)	CSP 26A	JAVA Programming	(3)
			OR		
			CSP 31A	C++ Programming I	(3)
As of F1	8, Course Number = ENG CS	36A			
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CSP 31B	C++ Programming II	(3)
	8, Course Number = ENG CS			2 2	

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

STATIST 32 Stat Anlys Thru Comp (4)|NO COMPARABLE COURSE As of F18, title = Gateway to Data Science

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 2016-18 $\underline{General \ Catalog}$. Quick reference charts for \underline{AP} and \underline{IB} are also

available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR		ĺ	OR	
MATH 17A	Calculus for BioSci	(4)	NO COUR	SE ARTICULATED: Colleg	e has not
			submitt	ed course(s) for artic	ulation
MATH 17B	Calculus for Biosci	(4)	NO COUR	SE ARTICULATED: Colleg	e has not
			submitt	ed course(s) for artic	ulation
MATH 17C	Calculus for BioSci	(4)	NO COUR	SE ARTICULATED: Colleg	e has not
			submitt	ed course(s) for artic	ulation
	OR		ĺ	OR	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)

NOTE: THE MATH 21A, B, C SERIES IS RECOMMENDED

_____ (3)|MATH 5 Linear Algebra MATH 22A Linear Algebra (3) _____ ENG CS 10 Intro to Programming (4) NO COMPARABLE COURSE OR OR ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A OR OR Sftwr/Obj-Orien:C++ (4) CSP 31B C++ Programming II (3) ENG CS 40 As of F18, Course Number = ENG CS 36B

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 COMPARA	ABLE COURSE	
STATIST 13	Elementary Statistics	(4) MATH 12	Introduction to	(4)
Same as:	STATIST 13Y		Probability and	
			Statistics	

 PSYCH 2
 Statistical Methods for (3)

 Psychology and Social

 Science

 STATIST 32
 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE

 As of F18, title = Gateway to Data Science

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:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 1
 Calculus I
 (5)

 MATH 21B
 Calculus
 (4) MATH 2
 Calculus II
 (4)

 MATH 21C
 Calculus
 (4) MATH 3
 Vector Calculus
 (4)

 MATH 21D
 Vector Analysis
 (4) MATH 3
 Vector Calculus
 (4)

 MATH 21D
 Vector Analysis
 (4) MATH 3
 Vector Calculus
 (4)

 MATH 22A
 Linear Algebra
 (3) MATH 5
 Linear Algebra
 (3)

 ENG CS 60
 Data Structures &
 (4) CSP 26B
 Data Structures with
 (3)

 Programming
 Java
 Java
 Java
 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 COMPARABLE COURSE STATIST 13 Elementary Statistics (4) MATH 12 Introduction to (4) Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science

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 2016-18

<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 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
MATH 21D	Vector Analysis	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra OR	(3)	MATH 5 	Linear Algebra OR	(3)
MATH 67 N	Modern Linear Algebra	(4)	-	ARTICULATED: College has course(s) for articulatio	
MATH 25 A	Advanced Calculus	(4)		ARTICULATED: College has course(s) for articulatic	
ENG CS 10	Intro to Programming OR	(4)	NO COMPARA	ABLE COURSE OR	
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A OR	JAVA Programming	(3)
			CSP 31A	C++ Programming I	(3)
As of F18	3, Course Number = ENG CS 3	86A			
	OR			OR	
	Sftwr/Obj-Orien:C++ 3, Course Number = ENG CS 3		CSP 31B	C++ Programming II	(3)

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

AND ONE COURSE FROM

STATIST 12 Discrete Probabi	1 (4)	NO COMPARAE	BLE COURSE	
STATIST 13 Elementary Stati	stics (4)	MATH 12	Introduction to	(4)
Same as: STATIST 13Y			Probability and	
			Statistics	
		OR		
		PSYCH 2	Statistical Methods for	(3)
			Psychology and Social	
			Science	
STATIST 32 Stat Anlys Thru	Comp (4)	NO COMPARAE	BLE COURSE	
As of F18, title = Gateway to	Data Science	2		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

_____ (4) MATH 1 Calculus I
(4) MATH 2 Calculus II
(4) MATH 3 Vector Calculus
(4) MATH 3 Vector Calculus MATH 21A Calculus MATH 21B Calculus (5) (4) MATH 21C Calculus (4) MATH 21D Vector Analysis (4) MATH 22A Linear Algebra (3) MATH 5 Linear Algebra (3) _____ ENG CS 10 Intro to Programming (4) NO COMPARABLE COURSE OR OR ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3) As of F18, Course Number = ENG CS 36A OR OR Sftwr/Obj-Orien:C++ (4)|CSP 31B C++ Programming II ENG CS 40 (3) As of F18, Course Number = ENG CS 36B _____ STATIST 13 Elementary Statistics (4) | MATH 12 Introduction to (4) 1 Same as: STATIST 13Y Probability and Statistics OR PSYCH 2 Statistical Methods for (3) Psychology and Social Science OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science _____

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

 $\underline{\texttt{General Catalog}}$. Quick reference charts for $\underline{\texttt{AP}}$ and $\underline{\texttt{IB}}$ are also

available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A	Public Speaking (3)
PL SCI 15	Intro Sustainable Agriculture	(4)		ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)		ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult	(2)	·	ARTICULATED: College has not course(s)for articulation
PL SCI 49	OR Org Crop Prod Prac	(3)		OR ARTICULATED: College has not course(s) for articulation
	Select one of the s	foll	owing cours	
AN SCI 41L	Domest An Prod Lab		. –	ARTICULATED: College has not
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not</pre>
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not course(s)for articulation</pre>
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49D	Animal Prac/Goats		submitted	ARTICULATED: College has not course(s)for articulation
AN SCI 49E	Animal Prac/Horses		submitted	ARTICULATED: College has not course(s)for articulation
AN SCI 49F AN SCI 49G	Animal Prac/Lab Animals		submitted	ARTICULATED: College has not course(s)for articulation ARTICULATED: College has not
AN SCI 49H	Animal Prac/Poultry		submitted	course(s) for articulation ARTICULATED: College has not
AN SCI 491	Animal Prac/Sheep	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not</pre>
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE	<pre>course(s)for articulation ARTICULATED: College has not course(s)for articulation</pre>
 ABIOSYT 49	Fld Equip Oper	(2)		ARTICULATED: College has not course(s)for articulation
ABIOSYT 52	OR Field Equip Welding	(2)		OR ARTICULATED: College has not course(s)for articulation
	PLUS CHOOSE ONE OF	THE	FOLLOWING	THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3) MATH 13	Survey of Calculus	(4)
		OR		
		MATH 1	Calculus I	(5)

MATH 16B Short Calculus	(3) MATH 2 Calculus II (4)						
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)						
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry(5)CHEM 1BGeneral Chemistry(5)						
PHYSICS 1A Principles Physics							
	[`]						
BIOLSCI 2A Intro Biology:Life on Earth	(5) BIOL 1 Core Biology (4)						
BIOLSCI 2B Intro Biology: Ecology & Evolution							
& EVOLUCION	BIOL 2 & General Zoology(5)BIOL 3General Botany(4)						
PL SCI 2 Bot Physio Cul Plt	(4) PLANT 10 Principles of Plant (3)						
	Science						
AN SCI 1 Domest Ani & People	(4) AH SC 10 Principles of Animal (3)						
OR	Science OR						
-	(4) NO COMPARABLE COURSE						
FD S&T 1 Food Sci Principles	(3) NO COMPARABLE COURSE						
ECON 1A Princ of Microecon	(4) ECON 1B 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	(4) PHILO 40 Ethics (3)						
OR PHILOS 15 Intro to Bioethics	OR (4) NO COMPARABLE COURSE						
OR	OR						
PHILOS 24 Intro to Ethics	(4) PHILO 40 Ethics (3)						
As of W17, units=5	(4) ANTHR 1 Cultural Anthropology (3)						
OR POL SCI 4 Bas Cnpt/Pol Thry	(4) POLSC 3 Introduction to (3)						
OR	Political Theory OR						
	(5) SOCIO 1A Introduction to (3)						
OR	Sociology OR						
SOCIOL 3 Social Problems	(4) SOCIO 1B Problems of a Changing (3) Society						
	Bocrety						
TRACK II: FOOD AND SOCIETY							
	(4) PHILO 30 Introductory Logic (3) OR						
PHILOS 31 Scientific Reason	(4) NO COMPARABLE COURSE						
d) PHILOS 14 Eth Soc Prob in Soc OR	(4) PHILO 40 Ethics (3)						
PHILOS 15 Intro to Bioethics	(4) NO COMPARABLE COURSE						
OR PHILOS 24 Intro to Ethics							
SOCIOL 46B Intro Social Rsch							
OR STATIST 13 Elementary Statistics	OR (4) MATH 12 Introduction to (4)						
Similar is Diementary Statistics							

Same as: STATIST 13Y			Probability and Statistics	
		<u>OR</u> PSYCH 2 	Statistical Methods for Psychology and Social Science	(3)
CHEM 2A Genl Chemistry	(5)	 CHEM 1A	General Chemistry	(5)
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 1 		(4)
OR BIOLSCI 10 Everyday Biology	(4)	BIOL 10		(4)
PL SCI 2 Bot Physio Cul Plt	(4)	PLANT 10 	Principles of Plant Science	(3)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)		General Zoology General Botany	(4) (5) (4)
OR ENV S&P 1 Env Analysis OR	(4)		OR ARTICULATED: College has course(s) for articulatic OR	
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30 OR	(3)			
W&F BIO 10 Wildl Ecol Conserve OR	(4)	NO COMPARI	ABLE COURSE OR	
W&F BIO 51 Intro to Conservation Biology	(3)		ARTICULATED: College has course(s) for articulatic	
FD S&T 1 Food Sci Principles	(2)			
	(3)	NO COMPARA	ABLE COURSE	
		· 		(4)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon	(3) (4)	PLANT 14 ECON 1B	Soil Science Principles of Microeconomics	(3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry	(3) (4) (4)	PLANT 14 ECON 1B POLSC 3	Soil Science Principles of Microeconomics Introduction to Political Theory	(3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5	(3) (4) (4) (4)	PLANT 14 ECON 1B POLSC 3	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology	(3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology	(3) (4) (4) (4) (4)	PLANT 14 ECON 1B POLSC 3 ANTHR 1	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology	(3) (3) (3) (3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems	(3) (4) (4) (4) (4) (5) (4)	PLANT 14	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology OR Problems of a Changing Society	(3) (3) (3) (3) (3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology OR	(3) (4) (4) (4) (5) (4) (5) (4)	PLANT 14	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology OR Problems of a Changing Society ARTICULATED: College has	(3) (3) (3) (3) (3) (3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems	(3) (4) (4) (4) (5) (4) (5) (4)	PLANT 14	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology OR Problems of a Changing Society ARTICULATED: College has course(s) for articulatic	(3) (3) (3) (3) (3) (3) (3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems CM&RGDE 1 The Community	(3) (4) (4) (4) (5) (4) (4) (4) (4) (4)	PLANT 14	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology OR Problems of a Changing Society ARTICULATED: College has course(s) for articulatio Social Inequality in the United States	(3) (3) (3) (3) (3) (3) (3)
SOILSCI 10 Soils in Our Environment ECON 1A Princ of Microecon POL SCI 4 Bas Cnpt/Pol Thry ANTHRO 2 Cultural Anthropology As of W17, units=5 OR SOCIOL 1 Intro Sociology OR SOCIOL 3 Social Problems CM&RGDE 1 The Community CM&RGDE 2 Ethnicity Amer Comm Intro Community	(3) (4) (4) (4) (5) (4) (5) (4) (4) (4) (4) (4)	PLANT 14 CS AND POL	Soil Science Principles of Microeconomics Introduction to Political Theory Cultural Anthropology OR Introduction to Sociology OR Problems of a Changing Society ARTICULATED: College has course(s) for articulatio Social Inequality in the United States	(3) (3) (3) (3) (3) (3) (3) (3)

SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE
STATIST 13 Same as:		(4)	MATH 12 Introduction to (4 Probability and Statistics
			OR PSYCH 2 Statistical Methods for (3 Psychology and Social Science
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 Core Biology (4
BIOLSCI 10	OR Everyday Biology	(4)	OR BIOL 10 Survey of Biology (4
PL SCI 2	Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant (3 Science
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology(4BIOL 2 & General Zoology(5BIOL 3General Botany(4
ENV S&P 1	OR Env Analysis	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR Global Ecosystem ENV SC&M 30 OR	(3)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
W&F BIO 10		(4)	NO COMPARABLE COURSE
W&F BIO 51	-	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	PLANT 14 Soil Science (4
ECON 1A	Princ of Microecon	(4)	
	Princ of Macroecon	(4)	Microeconomics ECON 1A Principles of (3) Macroeconomics
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3 Introduction to (3) Political Theory
		(4)	ANTHR 1 Cultural Anthropology (3
SOCIOL 1	OR Intro Sociology	(5)	OR SOCIO 1A Introduction to (3 Sociology
		(4)	OR SOCIO 1B Problems of a Changing (3 Society
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	4 Eth Soc Prob in Soc OR	(4)	

PHILOS 15	Intro to Bioethics	(4) NO COMPARABLE COURSE	
	OR	OR	
PHILOS 24	Intro to Ethics	(4) PHILO 40 Ethics (3	3)

END OF MAJOR

- d) Students who complete PHILO 40 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 14 or 24, not both
- c) Students who complete PHILO 30 at San Joaquin Delta College will receive credit at UC Davis for PHILOS 5 or 12, not both

====Sustainable Environmental Design B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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)	COM ST	1A Public Speaking (3
ENGLISH 3	Intro to Lit OR	(4)	ENG 1B 	Written Communications (3 II: A Critical Introduction to Literature OR
UWRITING 1	Expository Writing OR	(4)	ENG 1A	Reading and Composition (3 OR
	Style in the Essay ourse Number = UWRITING 4		NO COME	
	OR			OR
UWRITING 19	Wrtg Research Papers	(4)	ENG 1D 	Advanced Composition and (3 Critical Thinking
As of F17, C	ourse Number = UWRITING 4	9		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1 	Core Biology (4
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 2	&Core Biology(4&General Zoology(5General Botany(4
	ONE COURSE FR	OM T	HE FOLLO	DWING:
STATIST 12 STATIST 13	Statist Thinking Discrete Probabil Elementary Statistics STATIST 13Y	(4)	NO COME MATH 12 <u>OR</u>	PARABLE COURSE
STATIST 32	Stat Anlys Thru Comp	(4)		Psychology and Social Science

ONE COURSE FROM THE FOLLOWING:

ECON 1A Princ of Microseon (4) ECON 1B Principles of (3) Microseonomics (3) ECON 1E Princ of Macroseon (4) ECON 1A Principles of (3) Macroseonomics (3) ECON 1E Principles of (3) Macroseonomics (3) POL SCI 1 Amer Natl Govt (4) [POLSC 1 American Government and (3) Institutions POL SCI 2 Intro Comp Politics (4) [POLSC 2 Introduction to (3) POL SCI 3 Internatl Relations (4) [POLSC 3 Introduction to (3) POL SCI 4 Bas Cnpt/Pol Thry (4) [POLSC 5 International Relations (3) POL SCI 5 Probe/Am Pol Sys (4) [NO COMPRABLE COURSE POL SCI 1LA America Decides (4) [NO COMPRABLE COURSE POL SCI 1LA America Decides (4) [NO COMPRABLE COURSE POL SCI 1LE Citizen Lawmaking (4) [NO COMPRABLE COURSE POL SCI 11C Politics 4 Film (4) [NO COMPRABLE COURSE POL SCI 11C Politics 4 Film (4) [NO COMPRABLE COURSE POL SCI 11D Political Persuasion (4) [NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 11D Political Persuasion (4) [NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12A Politics 4 Sports (4) [NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12A Politics 4 Sports (4) [NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12Y Data Visualization (4) [NO COURSE ARTICULATED: College has not Sociol 12Y [Study of [4] [NO COURSE ARTICULATED: College has not Sociol 2 Self and Society (4) [NO COURSE ARTICULATED: College has not Sociol 2 Self and Society (4) [NO COURSE ARTICULATED: College has not Sociol 2 Social Froblems (4) [NO COURSE ARTICULATED: College has not Sociol 2 Social Froblems (4) [NO COURSE ARTICULATED: College has not Sociol 2 Social Froblems (4) [NO COURSE ARTICULATED: College has not Sociol 2 Self and Society (4) [NO COURSE ARTICULATED: College has not Sociol 2 Social Froblems (4) [NO COURSE ARTICULATED: College has not Sociol 2 Social Froblems (5) [NO COURSE ARTICULATED: College has not Submitted course(s) for articulation SOCIOL 2 Self and Society (4) [NO COUR	EG01 13		(4)	
Macroeconomics ONE COURSE FROM THE FOLLOWING: POL SCI 1 Amer Natl Govt (4) POLSC 1 American Government and (3) Institutions POL SCI 2 Intro Comp Politics (4) POLSC 2 Introduction to (3) Comparative Politics (3) POL SCI 3 Internatl Relations (4) POLSC 3 International Relations (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLSC 3 International Relations (3) POL SCI 5 Probs/Am Pol Sys (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 11A America Decides (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 11D Political Persuasion (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12A Politics Study of Pol NO COURSE ARTICULATED: College has not submitted course(s) for articulation Sociology Sociology (5) Sociology (3) Sociology Sociology (5)	ECON IA	Princ of Microecon	(4)	
FOL SCI 1 Amer Natl Govt (4) FOLSC 1 American Government and (3) POL SCI 2 Intro Comp Folitics (4) FOLSC 1 Introduction to (3) POL SCI 3 Internatl Relations (4) FOLSC 2 Introduction to (3) POL SCI 5 Probs/Am Pol Sys (4) FOLSC 1 Introduction to (3) POL SCI 5 Probs/Am Pol Sys (4) NO COMPARABLE COURSE FOLSCI 1 America Decides (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 112 Politics & Film (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 112 Politics & Sports (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 124 Politics & Sports (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 125 Scientific Study of Politics (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation SOCIOL 1 Intro Sociology (5) SOCIOL 1A Introduction to (3) Sociology SOCIOL 2 Self and Society (4) NO COURSE ARTICULATED: College h	ECON 1B	Princ of Macroecon	(4)	-
POL SCI 2 Intro Comp Politics (4) POLSC 2 Introduction to (3) POL SCI 3 Internatl Relations (4) POLSC 5 International Relations (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLSC 5 International Relations (3) POL SCI 5 Probs/Am Pol Sys (4) NO COMPARABLE COURSE POLSCI 11A America Decides (4) NO COMPARABLE COURSE POL SCI 11A America Decides (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation POL SCI 11D Politics & Film (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation POL SCI 11D Politics & Sports (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation Sociol 212 Data Visualization (4) NO COURSE ARTICULATED: College has not isubmitted course(s) for articulation Sociol 214 Intro Sociology (5) Sociol 1 Introduct		ONE COURSE FRO	ом т	HE FOLLOWING:
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LND ARC 21	Design Visualization	(5) NO COMPARABLE COURSE			
As of F17,	units = 4				
As of F17,	title = Land Rep I				
LND ARC 30	History Environ Design	(4) NO COURSE ARTICULATED: College has	not		
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LND ARC 50	Site Ecology	(4) NO COURSE ARTICULATED: College has	not		
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LND ARC 70	Introduction to	(5) NO COURSE ARTICULATED: College has	not		
	Spacemaking	submitted course(s) for articulation	on		
As of F17, units = 4					

END OF MAJOR

===Textiles and Clothing B.S. (Marketing/Economics)==== <u>IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR OR B) ENG CS 15 Intro to Computers (4) CS 11 Fundamentals of Computer (3) Science OR OR ENG CS 30 Programming&Prob Solving (4) CSP 26A JAVA Programming (3) OR CSP 31A C++ Programming I (3)

As of F18, Course Number = ENG CS 36A

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

ECON 1A	Princ of Microecon	(4) ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1A	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2 As of W17,	Cultural Anthropology units=5	(4)	ANTHR 1	Cultural Anthropology	(3)
	OR Critical Inquiry into Contemporary Issues OR	(4)	 NO COMPARA 	OR BLE COURSE OR	
ARTHI 1A	Ancient Mediterranean Art OR	(4)		Art History: Europe from Prehistory to 1400 OR	(3)
ARTHI 1B	Mediev&Renaiss Art OR	(4)	NO COMPARA	-	
ARTHI 1C	Baroque to Modern Art	(4)		Art History: Europe from the Fifteenth to the Twentieth Century	(3)
	OR Arts of Asia	(4)	 NO COMPARA	OR BLE COURSE	
	ALL OF THE F		 WING COURSE		
PHYSICS 1A	Principles Physics OR	(3)	NO COMPARA	BLE COURSE OR	
PHYSICS 10	Topics,Nonscientists			Introduction to Physics	
PSYCH 1	General Psychology	(4)	PSYCH 1 		(3)
	Self and Society				
	Elementary Statistics : STATIST 13Y	(4)	MATH 12 OR	Introduction to Probability and Statistics	(4)
			PSYCH 2	Statistical Methods for Psychology and Social Science	
TEX&CL 6	Intro Textiles	(4)	FASHION 6 Same as	Textiles	(3)
TEX&CL 7	Style & Cult Std	(4)	NO COURSE	ARTICULATED: College has	
	Textile Apparel Ind		NO COMPARA		on
MGMT 11A MGMT 11B	Elem Accounting Elem Accounting	(4) (4)	BUS 1B	Principles of Accounting	(5)
			CHEM 10	Exploring Everyday Chemistry	
CHEM 2A		(5)	 CHEM 1A	OR General Chemistry	
 MATH 16A	Short Calculus	(3)	MATH 13 OR	Survey of Calculus	
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I Calculus II	(5) (4)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18Business Law(4) | BUS 18ABusiness Law(3)DESIGN 77Intro to Fashion Design(4) | NO COMPARABLE COURSE(3)MATH 16CShort Calculus(3) | MATH 2Calculus II(4)Foreign language units may be used to satisfy any or all of the required 12units.

END OF MAJOR

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

===Textiles and Clothing B.S. (Textile Science)=== <u>IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

PL SCI 21	1	Computers in Technology	(3)	NO	COMPA	RABLE COURSE	
		OR				OR	
B) ENG CS	S 15	Intro to Computers	(4)	CS	11	Fundamentals of Computer	(3)
				İ		Science	
		OR		İ		OR	
ENG CS 30	C	Programming&Prob Solving	(4)	CSF	26A	JAVA Programming	(3)
				ĺ	OR		
				CSF	31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

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

ECON 1A	Princ of Microecon	(4) ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1A	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR	1 Cultural Anthropology (3	3)
As of W17,	units=5				
	OR			OR	
SCI&SOC 1	Critical Inquiry into	(4)	NO COM	PARABLE COURSE	
	Contemporary Issues				
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A	Art History: Europe from (3	3)
				Prehistory to 1400	

	OR		OR	
ARTHI 1B		(4)	-	
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B Art History: Europe from the Fifteenth to the	(3)
	OR		Twentieth Century OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE	
	ALL OF THE FC			
PHYSICS 1A	Principles Physics OR			
PHYSICS 10	Topics, Nonscientists	(4)	PHYSC 10 Introduction to Physics	(4)
PSYCH 1	General Psychology	(4)	PSYCH 1 Introduction to Psychology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
	Elementary Statistics : STATIST 13Y	(4)	MATH 12 Introduction to Probability and Statistics	(4)
			OR PSYCH 2 Statistical Methods for Psychology and Social Science	(3)
TEX&CL 6	Intro Textiles	(4)	FASHION 6 Textiles Same as: ID 6	(3)
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		(5) (5)
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE	
			MATH 13 Survey of Calculus OR	
			MATH 1 Calculus I	(5)
	RESTRICTED ELECTIVES	(16	OUARTER UNITS):	
AGRESEC 18	Business Law	(4)	BUS 18A Business Law	(3)
	Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry	(5)
			CHEM 12A & Organic Chemistry	
			CHEM 12B Organic Chemistry	
CHEM 128C	Organic Chemistry		CHEM 12B Organic Chemistry	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUS 1A Principles of Accounting	(5)
MGMT 11B	Elem Accounting	(4)	BUS 1APrinciples of AccountingBUS 1BPrinciples of AccountingMATH 2Calculus II	(5)
	Short Calculus	(3)	MATH 2 Calculus II	
	Short Calculus	(3)	MATH 2 Calculus II	(4)
	Popular Culture			
Foreign la: units.	nguage units may be used to	sat	isfy any or all of the required 16	

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.

====Theatre and Dance A.B.====

Special Advising Note:

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 <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.

SELECT 4 UNITS FROM THE FOLLOWING:

dramart 21a	Fundamentals of Act	(4)	DRAMA 31 Introduction to Acting (3)
dramart 40a	Beg Modern Dance	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 40B	Int Modern Dance	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 42A	Beg Ballet	(2)	
	beg barree	(2)	submitted course(s) for articulation
DRAMART 42B	Inter Ballet	(2)	
DRAMARI 420	INCEL BALLEC	(乙)	
			submitted course(s) for articulation
			WING COURSES:
DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not
		(=)	submited course(s) for articulation
DRAMART 56C	Hist Theatre Dance III	(4)	
DIAMAKI JUC	mist meatre bance in	(=)	submited course(s) for articulation
			Submitted Course(S)IOI articulation

END OF MAJOR

====Viticulture and Enology 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. 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 2016-18 <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 1 Core Biology (4) Earth _____ PL SCI 2 Bot Physio Cul Plt (4) PLANT 10 Principles of Plant (3) Science _____ (5) CHEM 1A General Chemistry (5) CHEM 1A <u>&</u> General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry CHEM 2CGenl ChemistryCHEM 1BGeneral ChemistryCHEM 2CGenl Chemistry(5) CHEM 1BGeneral Chemistry (5) (5) _____ CHEM 8AOrganic Chem-Brief(2) NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) NO COMPARABLE COURSE _____ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE

OR EQUIVALENT AND advisor APPROVAL

Short Calculus	(3) MATH 13 Survey of Calculus (4) OR
Short Calculus	MATH 1 Calculus I (5) (3) MATH 2 Calculus II (4)
Principles Physics AND	(3) NO COMPARABLE COURSE
Principles Physics OR	(3) NO COMPARABLE COURSE
General Physics	(4) PHYSC 2A <u>&</u> General Physics (4) PHYSC 2B General Physics (4)
	Short Calculus Principles Physics AND Principles Physics OR

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

VIT-ENO 2	Intro to Viticult	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
VIT-ENO 3	Intro Winemaking	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

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 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

UWRITING 1 Expository Writing (4) | ENG 1A Reading and Composition (3) AND AND COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) COM ST 3 Interpersonal (3) Communication OR OR DRAMART 10 Intro To Acting (4) NO COMPARABLE COURSE Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements. _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 1 Core Biology (4) Earth BIOLSCI 2B Intro Biology: Ecology (5)|BIOL 1 隆 Core Biology (4) & Evolution |BIOL 2 & General Zoology |BIOL 3 General Botany (5) BIOLSCI 2C Intro Biology: (5) BIOL 2 & General Zoology Biodiversity & the Tree BIOL 3 General Botany (4) (5) (4) of Life (5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry General Chemistry (5) CHEM 1A General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1BGeneral CrCHEM 8AOrganic Chem-Brief(2) |NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) |NO COMPARABLE COURSE MATH 16A Short Calculus (3) MATH 13 Survey of Calculus (4) OR |MATH 1 Calculus I (3)|MATH 2 Calculus II (5) MATH 16B Short Calculus (4) _____ PHYSICS 1APrinciples Physics(3) NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COME	PARABLE COURSE	
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COUF	RSE ARTICULATED: College has no	ot
		İ	submitt	ted course(s) for articulation	
W&F BIO 51	Intro to Conservation	(3)	NO COUF	RSE ARTICULATED: College has no	ot
	Biology	İ	submitt	ted course(s) for articulation	
RECOM	MENDED COURSES FOR THE WI	LDLIF	E HEALT	TH AREA OF SPECIALIZATION:	
CHEM 2C G	enl Chemistry	(5)	CHEM 1	3 General Chemistry (5	5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12	2A Organic Chemistry (5	5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSC 2A &	General Physics	(4)
			PHYSC 2B	General Physics	(4)

END OF MAJOR

====Worksheet UGA (ENG)==== IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

MATH 21A	Calculus	(4) MATH 1 Calculus I	(5)
MATH 21B	Calculus	(4) MATH 2 Calculus II	(4)
MATH 21C	Calculus	(4) MATH 3 Vector Calculus	(4)
MATH 21D	Vector Analysis	(4) MATH 3 Vector Calculus	(4)
MATH 22A	Linear Algebra	(3) MATH 5 Linear Algebra	(3)
MATH 22B	Differntl Equations	(3) MATH 4 Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5) CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A <u>&</u> General Chemistry CHEM 1B General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5) CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2) NO COMPARABLE COURSE	
CHEM 8B			
	Organic Chem-Brief	(4) NO COMPARABLE COURSE	
CHEM 118A	Organic Chem-Brief Org Chem, Hlth & Sci	(4) NO COMPARABLE COURSE (4) CHEM 12A Organic Chemistry	(5)
			(5) (5) (5) (5)
 CHEM 118A 	Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry (4) CHEM 12A & Organic Chemistry	(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry (4) CHEM 12A <u>&</u> Organic Chemistry CHEM 12B Organic Chemistry	(5) (5)
CHEM 118A CHEM 118B CHEM 128A	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Organic Chemistry	 (4) CHEM 12A Organic Chemistry (4) CHEM 12A Organic Chemistry (4) CHEM 12B Organic Chemistry (3) CHEM 12A Organic Chemistry (3) CHEM 12A Organic Chemistry 	(5) (5) (5) (5) (5)

PHYSICS 9B	Classical Physics	(5)	PHYSC 4B 	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSC 4C 	Principles of Physics: Electricity and Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPA	RABLE COURSE	
a) BIMEDEN 1	Intro Biomedical Engr	(2)	NO COMPA	RABLE COURSE	
a) BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPA 	RABLE COURSE	
a) ENGIN 4	Graphics in Design	(3)	ENGR 2	Engineering Graphics	(3)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPA	RABLE COURSE	
a) ENGIN 17	Circuits I	(4)	 ENGR 6 	Engineering Circuit Analysis	(4)
a) ENGIN 35	Statics	(4)	ENGR 8	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(4)
ENG CS 20	C Sci/Discrete Math	(4)	CS 55 	Discrete Structures for Computer Science	(3)
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A OR	JAVA Programming	(3)
As of F18,	Course Number = ENG CS	36A	CSP 31A	C++ Programming I	(3)
	Sftwr/Obj-Orien:C++ Course Number = ENG CS		CSP 31B	C++ Programming II	(3)
	Machine Dependent Prog	(4)	CSP 25 	Assembly Language Programming	(3)
ENG CS 60				Data Structures with Java	
	Biosys Engr Fndts	(4)			
a) ENG BS 75	Prop Mat in Bio Sys				
a) ENG MEC 50	Mfg Processes	(4)	NO COMPA	RABLE COURSE	
a) ENG CHM 51	Material Balances	(4)	NO COMPA	RABLE COURSE	
ENG CHM 60 E	ngineering Problem Solv	(4)			
a) ENG CHM 80	Chem Engr Profession	(1)	NO COMPA	RABLE COURSE	
UWRITING 1		(4)	ENG 1A	Reading and Composition	(3)
				Written Communications II: A Critical Introduction to Literature	

_____ COMUNCN 1 Intro Public Spkg (4) COM ST 1A Public Speaking (3) _____ COMUNCN 3 Interpresent Com Competence (4) COM ST 3 Interpresent (3) Communication _____ _____ BIOLSCI 2A Intro Biology:Life on (5) BIOL 1 Core Biology (4) Earth _____ _____ BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1 & Core Biology (4) BIOL 2 & General Zoology & Evolution (5) |BIOL 3 General Botany (4) _____ BIOLSCI 2C Intro Biology: (5) BIOL 2 & General Zoology Biodiversity & the Tree BIOL 3 General Botany (5) (4) of Life e) GEOLOGY 50 Physical Geology (3) GEOL 1A Physical Geology w/Lab (4) t) _____ _____ ATM SCI 60 Intro to Atmospheric (4) NO COMPARABLE COURSE Science _____ -----

END OF MAJOR

 $a\,)$ This articulation is approved for engineering majors.

e) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

t) If a student takes GEOL 1A at San Joaquin Delta College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.