

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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)
a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A & CHEM 1B	General Chemistry	(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 35	Statics	(4)		ENGR 8	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)		ENGR 4	Engineering Materials	(4)
a) ENGIN 6	Engr Prob Solving OR	(4)		NO COMPARABLE COURSE OR		
a) ENG CS 30	Programming&Prob Solving	(4)		CSP 26A	JAVA Programming	(3)
				OR CSP 31A	C++ Programming I	(3)

Required for admission. Students must complete one 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	(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 composition 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 [College of Engineering website](#) 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:

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

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

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College Foreign Language Requirement Note:

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

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

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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	Cultural Anthropology	(4)		ANTHR 1	Cultural Anthropology	(3)
As of W17, units=5						
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 History	(3)
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 History	(3)
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 Society	(3)

TWO COURSES FROM THE FOLLOWING:

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)

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

HISTORY 17A	U.S. History	(4)		HIST 17A	History of the United States	(3)
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POLSC 1	American Government and Institutions	(3)

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

AN SCI 1	Domest Ani & People	(4)		AH SC 10	Principles of Animal Science	(3)
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE		
AN SCI 21	Livestock&Dairy Jdgs	(2)		AH SC 11A	Introduction to Livestock Evaluation	(2)
				OR		
				AH SC 11B	Beginning Livestock Evaluation	(2)
				OR		
				AH SC 11C	Intermediate Livestock Evaluation	(2)
				OR		
				AH SC 11D	Advanced Livestock	(2)

			Evaluation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO 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	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AND			AND
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Microeconomics (3)
OR			OR
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Macroeconomics (3)
ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	HORT 2 Plant Materials and Usage - Fall (3)
			OR
			HORT 3 Plant Materials and Usage - Spring (3)
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COMPARABLE COURSE
FORMERLY PLANT BIO 1			
ENV S&P 10	Current Issues in Environment	(3)	N R 2 Environmental Science (3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&SOC 10			
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant Science (3)
PL SCI 15	Intro Sustainable Agriculture	(4)	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
ALL OF THE FOLLOWING COURSES:			
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 3 General Botany (4)
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)
t) GEOLOGY 1	The Earth	(4)	GEOL 1A Physical Geology w/Lab (4)
GEOLOGY 20	California Geology	(2)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	PLANT 14 Soil Science (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		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 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:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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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from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)		HIST 34 Asian Pacific American History (3)
CHICANO 10	Intro to Chic Std	(4)		HIST 31 Mexican-American History (3)
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 COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)		SOCIO 27 Gender in Contemporary Society (3)

ONE COURSE FROM THE FOLLOWING:

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)

HISTORY 72A Am Women & Gender (4) | NO COMPARABLE COURSE
HISTORY 72B Am Women & Gender (4) | HIST 27 Women in History (3)

ONE COURSE FROM THE FOLLOWING:

FILM ST 1 Intro to Film Studies (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

Formerly Humanities 10

END OF MAJOR

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

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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).

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

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry 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		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry	(5) (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	(4)	MATH 3	Vector Calculus	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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)
Same as: STATIST 13Y				Probability and	
				Statistics	
			OR		
			PSYCH 2	Statistical Methods for	(3)
				Psychology and Social	
				Science	

AN BIOL 50A	Animal Biol Lab	(2)	NO COURSE	ARTICULATED: College has not	
				submitted course(s) for articulation	
AN BIOL 50B	Animal Biology	(3)	NO COURSE	ARTICULATED: College has not	
				submitted course(s) for articulation	
AN BIOL 50C	Animal Biology	(3)	NO COURSE	ARTICULATED: College has not	
				submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

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.

AN SCI 1	Domest Ani & People	(4)		AH SC 10	Principles of Animal Science	(3)
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE		

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

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 Science	(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)

MGMT 11A	Elem Accounting	(4)	BUS 1A	Principles of Accounting	(5)
MGMT 11B	Elem Accounting	(4)	BUS 1B	Principles of Accounting	(5)

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

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 Domestic Ani Prod (2) | NO COMPARABLE COURSE
AN SCI 41L Domest An Prod Lab (2) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation

EQUINE SPECIALIZATION

AN SCI 15 Intro Horse Husb (3) | NO COMPARABLE COURSE

LIVESTOCK SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE
AN SCI 41L Domest An Prod Lab (2) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

POULTRY SPECIALIZATION

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

RESTRICTED 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:

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

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

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

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

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AN SCI 1	Domest Ani & People	(4)	AH SC 10	Principles of Animal Science	(3)
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE		
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)

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 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 &	Organic Chemistry	(5)
			CHEM 12B	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	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18 Intro Aquaculture (4) | NO COMPARABLE COURSE

AVIAN SCIENCES

AV SCI 13 Birds, Humans & Env (3) | NO COMPARABLE COURSE

COMPANION AND CAPTIVE ANIMALS

AN SCI 42 Intro Comp Ani Bio (4) | NO COMPARABLE COURSE

EQUINE SCIENCE

AN SCI 15 Intro Horse Hub (3) | NO COMPARABLE COURSE

LABORATORY ANIMALS

AN SCI 42 Intro Comp Ani Bio (4) | NO COMPARABLE COURSE

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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EVOLUTIONARY 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	(3)
					Archaeology	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)		FCS 19	Human Development	(3)
					Same as: H S 19	
ANTHRO 23	Intr World Prehist	(4)		NO COMPARABLE COURSE		
ANTHRO 24	Ancient Crops and People	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 50	Evolution and Human Nature	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ANTHRO 54	Intro to Primatology	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13	Elementary Statistics	(4)	MATH 12 Introduction to Probability and Statistics (4)
	Same as: STATIST 13Y		
			OR
			PSYCH 2 Statistical Methods for Psychology and Social Science (3)
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	(4)	ANTHR 2 Biological Anthropology (3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHR 10 Introduction to Archaeology (3)
ANTHRO 4	Anthro Linguistics	(4)	ANTHR 4 Introduction to Linguistics (3)
			Same as: HUM 4
			OR
			HUM 4 Introduction to Linguistics (3)
			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 COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: SCI&TEC 32		
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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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)

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 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)

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 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
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)

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)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 12	Introduction to Probability and Statistics (4)
	Same as: STATIST 13Y				
				OR	
				PSYCH 2	Statistical Methods for Psychology and Social Science (3)
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science				

RECOMMENDED COURSES FOR THIS MAJOR:

ANTHRO 15	Human Life Cycle	(5)		FCS 19	Human Development (3)
					Same as: H S 19
ANTHRO 50	Evolution and Human Nature	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
t) GEOLOGY 1	The Earth	(4)		GEOL 1A	Physical Geology w/Lab (4)
PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology (3)

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

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

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

Recommended Language Preparation Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) 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)

Or high school equivalent

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 not submitted course(s) for articulation		

MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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or equivalent basic knowledge of MATLAB.

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

ENG CS 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

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

STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES:

BIOLSCI 2A	Intro Biology:Life on 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 3	General Botany	(4)
	OR			OR		
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
	OR			OR		
ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)
	OR			OR		
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
	OR			OR		
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science						
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

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

Special Advising Note for future applicants:*

Beginning fall 2020, the major applied physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring

term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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

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

PHYSICS 9A	Classical Physics	(5)	PHYSIC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: (4) Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not	

PHYSICS 9HC	Honors Physics	(5)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
DEPENDING ON AREA OF CONCENTRATION:					
PHYSICS 9HD	Honors Physics	(5)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

MATH 21A	Calculus	(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)

PHYSICS 80 Experimental Techniques (4)

ENG CS 30	Programming&Prob Solving	(4)		CSP 26A	JAVA Programming	(3)
				<u>OR</u>		
				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.

CHEMICAL PHYSICS CONCENTRATION

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)

COMPUTATIONAL PHYSICS CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGR 6	Engineering Circuit Analysis	(4)
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PHYSICAL OCEANOGRAPHY CONCENTRATION

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
	<u>OR</u>			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

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 &	Sculpture I	(3)
			ART 20B	Sculpture II	(3)
ART 7	Beginning Painting	(4)	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	
ART 24	Intro Experimental Video and Film	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)		ART 33A	Beginning Drawing	(3)
				OR		
				ART 33B	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)		ART 20A	& Sculpture I	(3)

				ART 20B	Sculpture II	(3)
ART 7	Beginning Painting	(4)		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 CHOSEN FROM THE FOLLOWING:						
ART 24	Intro Experimental Video and Film	(4)		NO COURSE ARTICULATED: College has not 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 Prehistory to 1400	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)		NO COMPARABLE COURSE		
ARTHI 1C	Baroque to Modern Art	(4)		ART 1B	Art History: Europe from the Fifteenth to the Twentieth Century	(3)
ARTHI 1D	Arts of Asia	(4)		NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 25	Understanding Architecture	(4)		NO COMPARABLE COURSE		
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 [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.

A A STD 1	Hist Exp Asian Am	(4)	HIST 34 Asian Pacific American History (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not 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 Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Same as: FD S&T 55 Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American History (3)
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

CHICANO 65	Representn in Cinema 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
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	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 Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 10	Fine Art Appreciation	(3)	NO COMPARABLE COURSE
As of W17, units = 4			
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not 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 in NAS	(4)	NO COMPARABLE COURSE
c) PHILOS 5	Critical Reasoning	(4)	PHILO 30 Introductory Logic (3)
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 4 Introduction to (3) Research Methods in Psychology
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 12 Introduction to (4) Probability and Statistics
Same as: STATIST 13Y			
OR			
			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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

English composition to be completed with C grades or higher for transfer admission. See the [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.

PL SCI 2	Bot Physio Cul Plt	(4)		PLANT 10	Principles of Plant Science	(3)
<hr/>						
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)
<hr/>						
ENG CS 30	Programming&Prob Solving	(4)		CSP 26A	JAVA Programming	(3)
				<u>OR</u>		
				CSP 31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

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)

ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE		
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PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

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

PREPARATION FOR GRADUATION:

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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
a) CHEM 128A	Organic Chemistry	(3)		CHEM 12A	Organic Chemistry	(5)
a) CHEM 128B	Organic Chemistry	(3)		CHEM 12A &	Organic Chemistry	(5)
				CHEM 12B	Organic Chemistry	(5)
a) CHEM 129A	Organic Chem Lab	(2)		CHEM 12A	Organic Chemistry	(5)
a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Core Biology	(4)

ENG CHM 60	Engineering Problem Solv	(4)				
a) ENG CS 30	Programming&Prob Solving	(4)		CSP 26A	JAVA Programming	(3)
				<u>OR</u>		
				CSP 31A	C++ Programming I	(3)
				<u>OR</u>		
a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		

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

a) UWRITING 1	Expository Writing	(4)		ENG 1A	Reading and Composition	(3)
	<u>OR</u>			<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)		ENG 1B	Written Communications II: A Critical Introduction to	(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 composition 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 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 [College of Engineering website](#) 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 or 21A/B
- Chemistry 2A/B/C
- Biological Sciences 2A/B/C

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
<hr/>						
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		

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)	PHYS 2A	& General Physics	(4)
			PHYS 2B	& General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	& General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 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)	PHYS 4A	Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: (4) Electricity and Magnetism	

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
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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 or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the 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 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 & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (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 & CHEM 12B	Organic Chemistry 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 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 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
OR			OR
PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics (4)
			PHYS 2B General Physics (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics (4)
			PHYS 2B General Physics (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics (4)
			PHYS 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:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			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 or 21A/B
- Chemistry 2A/B/C
- Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)

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)

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 &	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 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)		PHYS 2A &	General Physics (4)
				PHYS 2B	General Physics (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics (4)
				PHYS 2B	General Physics (4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics (4)
				PHYS 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)
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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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	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 Circuit Analysis	(4)
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 composition 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)

REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	OR		OR		
a) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
a) CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
a) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
a) ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
a) ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
a) BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Core Biology	(4)
			BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)
	AND		AND		
a) BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(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 [College of Engineering website](#) 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 [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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)

a) CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
a) CHEM 8B	Organic Chem-Brief OR	(4)		NO COMPARABLE COURSE OR		
a) CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry	(5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 12A &	Organic Chemistry	(5)
				CHEM 12B	Organic Chemistry	(5)

a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)		ENGR 6	Engineering Circuit Analysis	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Core Biology	(4)
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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	(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 composition 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) BIMEDEN 1	Intro Biomedical Engr	(2)		NO COMPARABLE COURSE
a) BIMEDEN 20	Fundamentals of Bioengineering	(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 [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 strongly encourage you to complete the entire Biological Sciences 2A/B/C series before matriculating to UC Davis, as this series is a prerequisite for many upper-division courses.

It is also 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 8A/B or 118A/B/C*

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is

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

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

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

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

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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(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 &	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)
			<u>OR</u>		
			MATH 1	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 2	Calculus II	(4)
	<u>OR</u>			<u>OR</u>	
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	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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.

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	CS 55	Discrete Structures for	(3)
				Computer Science	
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			<u>OR</u>		
			CSP 31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CSP 31B	C++ Programming II	(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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)	BIOL 1 & BIOL 2	Core Biology	(4)
			BIOL 2 & BIOL 3	General Zoology	(5)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology	(5)
			BIOL 3	General Botany	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	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 & CHEM 12B	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 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)	PHYS 2A & PHYS 2B	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics	(4)
			PHYS 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:

MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
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END OF MAJOR

====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

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

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
a) CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
a) CHEM 128B	Organic Chemistry	(3)	CHEM 12A & CHEM 12B	Organic Chemistry	(5)
a) CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)

ENG CHM 60	Engineering Problem Solv	(4)			
	OR			OR	
a) ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			OR		
			CSP 31A	C++ Programming I	(3)
			OR		
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

ENGIN 17	Circuits I	(4)	ENGR 6	Engineering Circuit Analysis	(4)
	OR			OR	
ENGIN 35	Statics	(4)	ENGR 8	Statics	(3)
	OR			OR	
a) ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(4)

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 composition 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)
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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 [College of Engineering website](#) 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 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.

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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)	PHYSIC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: (4) Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	

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 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 4	Differential Equations	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

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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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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)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 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)	PHYSIC 4A	Principles of Physics: (4)	
				Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4)	
				Waves, Sound, and	
				Thermodynamics	

PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR		MATH 2	Calculus II	(4)
MATH 17A	Calculus for BioSci	(4)	OR		
			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)
			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)

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [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)	PHYSIC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: (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	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 4	Differential Equations	(4)

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)
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)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE
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END OF MAJOR

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

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

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [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 7A	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 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)	PHYSIC 4A	Principles of Physics:	(4)
				Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics:	(4)

PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Waves, Sound, and Thermodynamics Principles of Physics: Electricity and Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
			MATH 2	Calculus II	(4)
			<u>OR</u>		
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	
			<u>OR</u>		
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	Core Biology	(4)
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
			<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				
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)
			<u>OR</u>		
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)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

====Chemistry B.S. (Applied Chemistry: Forensic Chemistry)====

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

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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)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 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)	PHYSIC 4A	Principles of Physics: (4)	
				Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4)	
				Waves, Sound, and	
				Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: (4)	
				Electricity and	

Magnetism

MATH 16A	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	(3)	MATH 2	Calculus II	(4)
	<u>OR</u>			<u>OR</u>	
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	
	<u>OR</u>			<u>OR</u>	
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	Core Biology	(4)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
	<u>OR</u>			<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				
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)
	<u>OR</u>			<u>OR</u>	
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)
CHEM 129B	Organic Chem Lab	(2)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

====Chicana/Chicano Studies A.B. (Cultural Studies)====

Special Advising Note:

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

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

CHICANO 10	Intro to Chic Std	(4)		HIST 31	Mexican-American History	(3)
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHICANO 40	Comparative Health	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

CHICANO 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		

SPANISH 31 Int Span Nat Spk I (5) | NO COMPARABLE COURSE
 SPANISH 32 Int Span Nat Spk II (5) | NO COMPARABLE COURSE
END OF MAJOR

====Chicana/Chicano Studies A.B. (Social/Policy Studies)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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.

CHICANO 10	Intro to Chic Std	(4)		HIST 31	Mexican-American History	(3)
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHICANO 40	Comparative Health	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

CHICANO 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

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 4 Introduction to Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(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
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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)
x) CHINESE 5	Inter Chinese	(5)		CHIN 3 &	Intermediate Chinese I	(5)
				CHIN 4	Intermediate Chinese IV	(5)
x) CHINESE 6	Inter Chinese	(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 II	(5)		NO COMPARABLE COURSE		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)		NO COMPARABLE COURSE		
	OR			OR		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)		NO COMPARABLE COURSE		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)		NO COMPARABLE COURSE		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)		NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

x) Transfer students must take a UC Davis placement exam in Chinese language

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

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

Special Advising Note:

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

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

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

CINE&TS 20	Filmmaking Foundations	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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Select two of the following courses:

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

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

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

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

Required for admission. Students must complete one 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	(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 composition 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	(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 [College of Engineering website](#) 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 [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.

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 Classical Antiquity	(4)			NO COMPARABLE COURSE
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	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
PHILOS 21	Phil: Ancient	(4)	NO COMPARABLE COURSE
As of F17, title = Phil Classics: Ancient			
REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
As of F18, title = The Bible			
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LATIN 1	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE

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

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)		ENG 1B	Written Communications (3) II: A Critical Introduction to Literature
	OR				OR
UWRITING 1	Expository Writing	(4)		ENG 1A	Reading and Composition (3)
<hr/>					
COMUNCN 1	Intro Public Spkg	(4)		COM ST 1A	Public Speaking (3)
<hr/>					
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 3	General Botany (4)
<hr/>					
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)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 1B	Principles of Microeconomics (3)
	OR				OR
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics (3)
<hr/>					
PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology (3)

SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOCIO 1B	Problems of a Changing Society	(3)
	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 Probability and Statistics	(4)
	Same as: STATIST 13Y					
				OR		
				PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	HUM 4	Introduction to Linguistics	(3)
				Same as: ANTHR 4	
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 30	Introductory Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 [AP](#) and [IB](#) are also available from our TAG website.

Emphasis 1: Computational

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	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					
ENG CS 50	Machine Dependent Prog	(4)	CSP 25	Assembly Language Programming	(3)
ENG CS 60	Data Structures & Programming	(4)	CSP 26B	Data Structures with Java	(3)
As of F18, Course Number = ENG CS 36C					
LINGUIS 1	Intro Linguistics	(4)	HUM 4	Introduction to Linguistics	(3)
				Same as: ANTHR 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		
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 30	Introductory Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
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	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y		OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

LINGUIS 1	Intro Linguistics	(4)	HUM 4	Introduction to Linguistics Same as: ANTHR 4	(3)
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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)

PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

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	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 12	Introduction to Probability and Statistics	(4)
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

	OR				OR	
PHILOS 12	Intro to Symbol Logic	(4)		PHILO 30	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	(5)		NO COMPARABLE COURSE		
	OR				OR	
STATIST 13	Elementary Statistics	(4)		MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y					
				OR		
				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.

====Community and Regional Development B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) 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 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		
ENGLISH 3	Intro to Lit	(4)	ENG 1B	Written Communications II: A Critical Introduction to Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENG 1A	Reading and Composition	(3)
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
UWRITING 19	Wrtg Research Papers	(4)	ENG 1D	Advanced Composition and Critical Thinking	(3)
As of F17, Course Number = UWRITING 49					

CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 33	Social Inequality in the United States	(3)

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 Science	(3)

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
OR			OR		
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1	Cultural Anthropology	(3)
As of W17, units=5					
OR			OR		
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y					
OR			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
OR			OR		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
OR			OR		
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 [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.

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		OR
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: GERMAN 11		
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)	PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: Electricity and Magnetism	(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	(4)	CS 55	Discrete Structures for Computer Science	(3)
a) ENG CS 30	Programing&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			OR		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CSP 31A	C++ Programming I	(3)
a) ENG CS 60	Data Structures & Programming	(4)	CSP 31B	C++ Programming II	(3)
			CSP 26B	Data Structures with Java	(3)

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 composition 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 [College of Engineering website](#) 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 [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

[General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)	PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: Electricity and Magnetism	(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	(4)	CS 55	Discrete Structures for Computer Science	(3)
a) ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			OR		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CSP 31A	C++ Programming I	(3)
a) ENG CS 50	Machine Dependent Prog	(4)	CSP 31B	C++ Programming II	(3)
a) ENG CS 60	Data Structures & Programming	(4)	CSP 25	Assembly Language Programming	(3)
			CSP 26B	Data Structures with Java	(3)
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 composition 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 [College of Engineering website](#) 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 [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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 [Computer Science website](#) 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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) 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)	MATH 5	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENG CS 20	C Sci/Discrete Math	(4)	CS 55	Discrete Structures for Computer Science	(3)
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)
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As of F18, Course Number = ENG CS 36B

ENG CS 50	Machine Dependent Prog	(4)		CSP 25	Assembly Language Programming	(3)
ENG CS 60	Data Structures & Programming	(4)		CSP 26B	Data Structures with Java	(3)

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	(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	

Group Two:

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

Group Three:

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	

Group Four:

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

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.

DESIGN 1 Intro to Design (4) | NO COMPARABLE COURSE

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, Design (4) | NO COURSE ARTICULATED: College has not 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

ART 12 Beginning Video (4) | NO COURSE ARTICULATED: College has not

DESIGN 37	Coding for Designers	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	submitted course(s) for articulation 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 Wrtng	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not 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
UWRITING 19	Wrtg Research Papers	(4)	ENG 1D Advanced Composition and (3) 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 [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.

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 English)	(4)	NO COMPARABLE COURSE
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 Philosophy	(4)	NO COMPARABLE COURSE

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

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)
	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 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 [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 [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 & Evolution	(5)		BIOL 1 <u>&</u>	Core Biology	(4)
				BIOL 2 <u>&</u>	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 <u>&</u>	General Zoology	(5)
				BIOL 3	General Botany	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	OR			OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 2A <u>&</u>	General Physics	(4)
				PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 2A <u>&</u>	General Physics	(4)
				PHYSIC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 2A <u>&</u>	General Physics	(4)
				PHYSIC 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.

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)
ENV S&P 1	Env Analysis	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PREPARATION FOR GRADUATION:

SCI&SOC 18	GIS & Society	(3)		NO COURSE ARTICULATED: College has not		
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				

				<u>OR</u>			
					PSYCH 2	Statistical Methods for (3)	
						Psychology and Social	
						Science	
	<u>OR</u>				<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp	(4)			NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science							

MATH 16A	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)
					<u>OR</u>		
MATH 21A	Calculus	(4)			MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)			MATH 2	Calculus II	(4)

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

MATH 21C	Calculus	(4)			MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)			MATH 5	Linear Algebra	(3)

END OF MAJOR

====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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 4C	Principles of Physics: Electricity and Magnetism	(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 30	Programming&Prob Solving	(4)		CSP 26A	JAVA Programming	(3)
				<u>OR</u>		
				CSP 31A	C++ Programming I	(3)

REQUIRED FOR GRADUATION:

a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	

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 composition 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 [College of Engineering website](#) 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 [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.

ENGLISH 3	Intro to Lit	(4)	ENG 1B	Written Communications (3) II: A Critical Introduction to Literature
	OR			OR
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 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 43	Intro Topics in Drama	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE
ENGLISH 45	Intro Topics in Poetry	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1

as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)	BIOL 1 & BIOL 2	Core Biology	(4)
			BIOL 2 & BIOL 3	General Zoology	(5)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology	(5)
			BIOL 3	General Botany	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General 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		
MATH 16A	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	(3)	MATH 2	Calculus II	(4)
			<u>OR</u>		
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		
			<u>OR</u>		
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 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
			<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				
			<u>OR</u>		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

====Environmental 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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

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 &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

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

ENGIN 35	Statics	(4)	ENGR 8	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)
			OR		
			CSP 31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

Required for admission. Students must complete one 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 (3)	
				II: A Critical	
				Introduction to	
				Literature	
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENG 1A	Reading and Composition (3)	

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
	OR		OR		
e) GEOLOGY 50	Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab (4)	
t)					

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1

as part of their English Composition requirement.

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

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

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE	
ENVHORT 6	Intro Environ Plants	(4)	HORT 2	Plant Materials and Usage - Fall (3)
			OR	
			HORT 3	Plant Materials and Usage - Spring (3)
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology (4) General Zoology (5) General Botany (4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLANT 10	Principles of Plant Science (3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry (5)
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
ENV S&P 10	Current Issues in Environment	(3)	N R 2	Environmental Science (3)
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1			OR
ENV S&P 30	Global Ecosystem Same as: ENV SC&M 30	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus (4)
			OR	
			MATH 1	Calculus I (5)
	OR			OR
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 12	Introduction to Probability and Statistics (4)
			OR	
			PSYCH 2	Statistical Methods for Psychology and Social Science (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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

College (CCC).

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		
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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)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	CHEM 10	Exploring Everyday Chemistry	(3)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Core Biology	(4)
	OR		BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
	OR		CHEM 1B	General Chemistry	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
<hr/>					
ONE COURSE FROM THE FOLLOWING:					
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Macroeconomics	(3)
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ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)		AH SC 10	Principles of Animal Science	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE		
t) GEOLOGY 1	The Earth	(4)		GEOL 1A	Physical Geology w/Lab	(4)
PL SCI 12	Plants and Society Same as: SCI&SOC 12	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FORMERLY PLANT BIO 12						
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENV S&P 1	Env Analysis	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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MATH 16A	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)
				<u>OR</u>		
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		
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 2	Calculus II	(4)

POL SCI 1	Amer Natl Govt	(4)		POLSC 1	American Government and Institutions	(3)
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STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)		MATH 12	Introduction to Probability and Statistics	(4)
				<u>OR</u>		
				PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
				<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp As of F18, title = Gateway to Data Science	(4)		NO COMPARABLE COURSE		

CLIMATE CHANGE POLICY AREA:

SCI&SOC 25	Global Climate Change	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology	(4)
				General Zoology	(5)
				General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology	(5)
				General Botany	(4)

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

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 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYSIC 2A & PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A & PHYSIC 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 2A & PHYSIC 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.

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Microeconomics	(3)
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MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
			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)

ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
	OR			OR	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y					
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
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CLIMATE CHANGE AND AIR QUALITY TRACK:

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
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WATERSHED SCIENCE TRACK:

HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: SCI&SOC 10					
GEOLOGY 35	Rivers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 60	Landform Grading Studio	(6)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF 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.
- 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 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.

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Transfer Admission Guarantee (TAG) Note:

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

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

College 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.

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 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
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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		
	AND				AND	
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)
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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)
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PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 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

====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 or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 2 Calculus II (4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21C	Calculus	(4)	MATH 3 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 or 21A/B
 Chemistry 2A/B/C
 Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
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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)
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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 &	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organic Chemistry	(5)
			CHEM 12B	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	(4)	MATH 2	Calculus II	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 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:

MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
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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)
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)
B) ENG CS 15	Intro to Computers	(4)	CS 11	Fundamentals of Computer Science	(3)
	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.

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
			MATH 2	Calculus II	(4)
	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)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 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)	PHYS 4A	Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: (4) Electricity and Magnetism	

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to (4) Probability and Statistics	
	Same as: STATIST 13Y		OR		
			PSYCH 2	Statistical Methods for (3) Psychology and Social Science	

TEX&CL 6	Intro Textiles	(4)	FASHION 6	Textiles (3) Same as: ID 6	
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TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	OR			OR	

ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(4)
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PREPARATION FOR GRADUATION:

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

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of	(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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)
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)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology	(4)
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)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	AND		AND		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
	AND		AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)

	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)		PHYSIC 2A &	General Physics (4)
				PHYSIC 2B	General Physics (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 2A &	General Physics (4)
				PHYSIC 2B	General Physics (4)
PHYSICS 7C	General Physics	(4)		PHYSIC 2A &	General Physics (4)
				PHYSIC 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)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 12B	Organic Chemistry (5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)		CHEM 12B	Organic Chemistry (5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)		CHEM 12A &	Organic Chemistry (5)
				CHEM 12B	Organic Chemistry (5)
	AND			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 [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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)
FRENCH 21	Intermed French	(5)		FREN 3	Intermediate French I	(5)
FRENCH 22	Intermed French	(5)		FREN 3 &	Intermediate French I	(5)
				FREN 4	Intermediate French II	(5)
FRENCH 23	Intermed French	(5)		FREN 4	Intermediate French II	(5)
<hr/>						
LINGUIS 1	Intro Linguistics	(4)		HUM 4	Introduction to	(3)
					Linguistics	
					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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

WOM STD 50	Intro Gender Studies	(4)	SOCIO 27	Gender in Contemporary Society	(3)
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-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not 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, 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 History	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	HIST 31	Mexican-American History	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		

CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENG 1B Written Communications (3) II: A Critical Introduction to Literature
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 27 Women in History (3)
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	(4)	NO COMPARABLE COURSE
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 1 Introduction to Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not 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 Society (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 19	Wrtg Research Papers	(4)	ENG 1D Advanced Composition and Critical Thinking (3)
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 or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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			

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	&	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 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)	PHYSIC 2A	&	General Physics	(4)
			PHYSIC 2B		General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A	&	General Physics	(4)
			PHYSIC 2B		General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 2A	&	General Physics	(4)
			PHYSIC 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:

MATH 21C	Calculus	(4)	MATH 3		Vector Calculus	(4)
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END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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.

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 50	Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab	(4)
t) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1A	Physical Geology w/Lab	(4)
e) GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE		
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 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	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 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)
Same as: STATIST 13Y				Probability and	
				Statistics	
			<u>OR</u>		
			PSYCH 2	Statistical Methods for	(3)
				Psychology and Social	
				Science	
			<u>OR</u>		
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)	PHYSIC 2A &	General Physics	(4)
			PHYSIC 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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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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.

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 50	Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab	(4)
t) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1A	Physical Geology w/Lab	(4)
e) GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		
GEOLOGY 62	Optical Mineralogy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY 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					
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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)	PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: Waves, Sound, and	(4)

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

RECOMMENDED COURSES:

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

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 3	Vector Calculus	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYSICS 4A	Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYSICS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYSICS 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 COMPARABLE 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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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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)
GERMAN 3	Elementary German	(5)	GERM 2	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		
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

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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 BIOL 2 & General Zoology	(4) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 3 General Botany BIOL 2 & General Zoology BIOL 3 General Botany	(4) (5) (4)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A & 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	
	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 CHEM 12B Organic Chemistry	(5) (5)
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)		PHYS 2A & General Physics PHYS 2B General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A & General Physics PHYS 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.

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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available from our TAG website.

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 East	(3)
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		

Course discontinued as of S18

B. ASIAN HISTORY

HISTORY 6	Intro to Middle East	(4)	HIST 6C	History of the Middle East	(3)
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		

C. EUROPEAN HISTORY

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 &	History of Western Civilization	(3)
			HIST 4B	History of Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	NO COMPARABLE COURSE		

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	Latin America 1900-Present	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

E. U.S. HISTORY

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)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED		
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	HIST 27	Women in History	(3)

F. WORLD HISTORY

HISTORY 10A	World History to 1350	(4)	HIST 2A	World History to 1600	(3)
HISTORY 10B	World History 1350-1850	(4)	HIST 2A &	World History to 1600	(3)
			HIST 2B	World History since 1600	(3)
HISTORY 10C	World History III	(4)	HIST 2B	World History since 1600	(3)

END OF MAJOR

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer

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

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

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

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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 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 Infectious Diseases	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
NE PH B 12	Human Brain and Disease	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
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Select one course from:

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

Select two of the following courses:

c) PHILOS 5	Critical Reasoning	(4)	PHILO 30	Introductory Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE	
PHILOS 38	Intro Philos of Biol	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

NE PH B 10	Elem Human Physio	(3)		BIOL 32	Human Physiology	(5)
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PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology	(3)
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Select one of the following options:

PSYCH 41	Research Methods	(4)		PSYCH 4	Introduction to Research Methods in Psychology	(3)
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OR

SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE	
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AND

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

STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE	
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OR

STATIST 13	Elementary Statistics	(4)		MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y						

OR

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

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Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) 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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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

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

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

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

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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 3	General Botany	(4)
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)
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: (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	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 4	Differential Equations	(4)
e) GEOLOGY 50	Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab	(4)
t) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1A	Physical Geology w/Lab	(4)
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:

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

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

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics (4)
Same as: STATIST 13Y				
			OR	
			PSYCH 2	Statistical Methods for Psychology and Social Science (3)
OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus (4)
			OR	
			MATH 1	Calculus I (5)

CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
NUTR 10	Discoveries and Concepts	(3)	FCS 6	Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE	
PL SCI 15	Intro Sustainable Agriculture	(4)	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	

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <http://llc.ucdavis.edu/foreign-language-placement-exams> .

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology (4) General Zoology (5) General Botany (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry (5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 2	Calculus II (4)
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology (3)
OR			OR	
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1	Cultural Anthropology (3)
As of W17, units=5				

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 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 3 General Botany (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 (3)

ANTHRO 2 Cultural Anthropology (4) | ANTHR 1 Cultural Anthropology (3)
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 [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.

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	OR	ANTHR 1	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		OR	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		OR	ECON 1A	Principles of Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)		OR	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		OR	HIST 2B	World History since 1600	(3)
POL SCI 2	Intro Comp Politics	(4)		OR	POLSC 2	Introduction to Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		OR	POLSC 5	International Relations	(3)
POL SCI 12Y	Data Visualization	(4)	Same as: COMUNCN 12Y, PSYCH 12Y	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 12Y				OR	MATH 12	Introduction to Probability and Statistics	(4)
STATIST 13	Elementary Statistics	(4)	Same as: STATIST 13Y	OR	PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
SOCIOL 46B	Intro Social Rsch	(5)		OR	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)		OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

ARABIC 1	Elementary Arabic	(5)		OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)		OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 3	Elem Arabic	(5)		OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 21	Intermed Arabic	(5)		OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of S17	units = 4						
ARABIC 22	Intermed Arabic	(5)		OR	NO COURSE ARTICULATED: College has not		

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

As of F17, units = 4			
HIN-URD 23	Intermed Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

As of F17, units = 4			
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian I (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 & 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 & Intermediate Italian I (5)
			ITAL 4 Intermediate Italian II (5)

	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian I (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 & Elementary Italian I (5)
			ITAL 2 Elementary Italian II (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 2 Elementary Italian II (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 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 COMPARABLE COURSE

	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

	OR		OR
RUSSIAN 1	Elementary Russian	(5)	NO 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

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 COMPARABLE COURSE

SPANISH 32 Int Span Nat Spk II (5) | NO COMPARABLE COURSE
SPANISH 33 Int Span Nat Spk III (5) | NO COMPARABLE COURSE

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

END OF MAJOR

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

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

Special Advising Note:

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

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

ITALIAN 1	Elementary Italian	(5)		ITAL 1	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)		ITAL 1 &	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 &	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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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 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 COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE		
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 Linguistics	(3)
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 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.

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)
ENGLISH 3	Intro to Lit	(4)		ENG 1B	Written Communications II: A Critical Introduction to Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENG 1A	Reading and Composition	(3)
	OR				OR	
UWRITING 18	Style in the Essay	(4)		NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48						
	OR				OR	
UWRITING 19	Wrtg Research Papers	(4)		ENG 1D	Advanced Composition and Critical Thinking	(3)
As of F17, Course Number = UWRITING 49						
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
ENVHORT 6	Intro Environ Plants	(4)		HORT 2	Plant Materials and Usage - Fall	(3)
				OR		
				HORT 3	Plant Materials and Usage - Spring	(3)

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)		MATH 13	Survey of Calculus	(4)
				OR		
STATIST 13	Elementary Statistics	(4)		MATH 1	Calculus I	(5)
Same as: STATIST 13Y				MATH 12	Introduction to Probability and Statistics	(4)

			<u>OR</u>		
				PSYCH 2	Statistical Methods for (3) Psychology and Social Science
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.

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)		CHEM 10	Exploring Everyday Chemistry	(3)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)		PHYS 10	Introduction to Physics	(4)
t) GEOLOGY 1	The Earth	(4)		GEOL 1A	Physical Geology w/Lab	(4)
SOILSCI 10	Soils in Our Environment	(3)		PLANT 14	Soil Science	(4)

LND ARC 1	Intro Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place, Culture, Community	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 3	Sustainable Development	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	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 submitted course(s) for articulation		
LND ARC 50	Site Ecology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 60	Landform Grading Studio	(6)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 70	Introduction to Spacemaking	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of F17, units = 4						

**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 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.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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)		HUM 4	Introduction to Linguistics	(3)
					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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1

as part of their English Composition requirement.

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

AP and IB examination credit policies are detailed in the UC Davis 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 Communication	(3)
AGRESEC 18	Business Law	(4)	BUS 18A	Business Law	(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)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR		OR		
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR		OR		
B) ENG CS 15	Intro to Computers	(4)	CS 11	Fundamentals of Computer Science	(3)
	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.

MGMT 11A	Elem Accounting	(4)	BUS 1A	Principles of Accounting	(5)
MGMT 11B	Elem Accounting	(4)	BUS 1B	Principles of Accounting	(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		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

Advanced Placement (AP) and International 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 & Evolution	(5)		BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 13	Survey of Calculus	(4)
				<u>OR</u>		
MATH 16B	Short Calculus	(3)		MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)		MATH 2	Calculus II	(4)
	<u>OR</u>			MATH 2	Calculus II	(4)
					<u>OR</u>	

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)

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 has not submitted course(s) for articulation	
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. (Marine Ecology and Organismal Biology)====
Special Advising Note:**

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

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

REQUIREMENTS FOR ADMISSION:

(for 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 or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

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

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

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

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

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

[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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)

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)
	AND			AND		
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21A	Calculus	(4)		MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 2	Calculus II	(4)

PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 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)		PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4B	Principles of Physics: Waves, Sound, and	(4)

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

EVOL&EC 12	Life in the Sea	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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GEOLOGY 16	The Oceans	(3)		GEOL 16	Oceanography	(3)
				<u>OR</u>		
				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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

Advanced Placement (AP) and International 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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
			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)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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)	PHYS 4A	Principles of Physics: Mechanics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: Electricity and Magnetism	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)	GEO 16	Oceanography	(3)
			OR		
			GEO 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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)

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)
MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
			MATH 2	Calculus II	(4)
	<u>OR</u>			<u>OR</u>	
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	
	<u>OR</u>			<u>OR</u>	
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)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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.

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Principles of Physics: (4) Mechanics	
PHYSICS 9B	Classical Physics	(5)	PHYS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics	
PHYSICS 9C	Classical Physics	(5)	PHYS 4C	Principles of Physics: (4) Electricity and Magnetism	

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)	GEO 16	Oceanography	(3)
			<u>OR</u>		
			GEO 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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)	PHYSIC 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: Electricity and Magnetism	(4)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)

a) ENGIN 17	Circuits I	(4)	ENGR 6	Engineering Circuit Analysis	(4)
a) ENGIN 45	Prop of Mats	(4)	ENGR 4	Engineering Materials	(4)

ENG CHM 60	Engineering Problem Solv	(4)			
	OR		OR		
a) ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			OR		
			CSP 31A	C++ Programming I	(3)
	OR		OR		
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

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 composition 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)

RECOMMENDED COURSES:

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.

====Mathematical & Scientific Computation B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) 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)
	OR			OR	
Or high school equivalent					

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 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 not submitted course(s) for articulation		

MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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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		
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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)
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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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) 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 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) 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 not submitted course(s) for articulation	

MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
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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	
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ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
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| OR
| CSP 31A C++ Programming I (3)

As of F18, Course Number = ENG CS 36A

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International 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 General Catalog . Quick reference charts for [AP](#) and [IB](#) 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 not submitted course(s) for articulation	

MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
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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	
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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 deficiencies.

12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES
CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International 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 [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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)

Or high school equivalent

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 not submitted course(s) for articulation		

MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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		
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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

deficiencies.

PLAN 1: GENERAL MATHEMATICS			
PHYSICS 9A	Classical Physics	(5)	PHYSIC 4A Principles of Physics: (4) Mechanics
PLAN 2: MATHEMATICS FOR SECONDARY TEACHING			
PHYSICS 9A	Classical Physics	(5)	PHYSIC 4A Principles of Physics: (4) Mechanics
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 2A & General Physics (4) PHYSIC 2B General Physics (4)
	OR		OR
STATIST 13	Elementary Statistics	(4)	MATH 12 Introduction to (4) Probability and Statistics
	Same as: STATIST 13Y		OR
	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

====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 [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 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) 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	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 4A	Principles of Physics: Mechanics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYSIC 4B	Principles of Physics: Waves, Sound, and Thermodynamics	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYSIC 4C	Principles of Physics: Electricity and Magnetism	(4)
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 35	Statics	(4)		ENGR 8	Statics	(3)

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

Required for admission. Students must complete one 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 (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 composition 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)
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 [College of Engineering website](#) 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.

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.

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 & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ENGLISH 10A	Literatures in English I: To 1700	(4)	ENG 46A	Survey of British Literature I	(3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE		
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HIST 4A &	History of Western Civilization	(3)
			HIST 4B	History of Western Civilization	(3)
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 21	Phil: 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 or 21A/B
- Chemistry 2A/B/C
- Biological Sciences 2A/B/C

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (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 & CHEM 12B	Organic Chemistry 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 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 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
OR			OR		
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 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.

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry 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		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry 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 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)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics General Physics	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 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.

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(4)
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END OF MAJOR

====Middle East/South Asia Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

HISTORY 6	Intro to Middle East	(4)		HIST 6C	History of the Middle East	(3)
HISTORY 8	Indian Civilization	(4)		NO COMPARABLE COURSE		

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 1	Elementary Arabic	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 3	Elem Arabic	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 21	Intermed Arabic	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of S17 units = 4						
ARABIC 22	Intermed Arabic	(5)		NO COURSE ARTICULATED: College has not		

		submitted course(s) for articulation
As of S17, units =4		
ARABIC 23	Intermed Arabic	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4		
	OR	OR
HEBREW 1	Elem Hebrew	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 2	Elem Hebrew	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 3	Elem Hebrew	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 21	Intermediate Modern Hebrew I	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4		
HEBREW 22	Intermediate Modern Hebrew II	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4		
HEBREW 23	Intermediate Modern Hebrew III	(5) NO COURSE ARTICULATED: College has not 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 = 4		
HIN-URD 22	Intermed Hindi/Urdu II	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4		
HIN-URD 23	Intermed Hindi/Urdu III	(5) NO COURSE ARTICULATED: College has not 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:

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

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

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled

for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC 2A	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2B	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2C	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

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

MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

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

1) MUSIC 24A	Intro Music History	(3)	MUSIC 2A & 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 & 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 & 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 [transfer admission website](http://tag.ucdavis.edu). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
	OR		
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE OR TWO COURSES FROM:

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

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1 Cultural Anthropology (3)
As of W17, units=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 History (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	HIST 31 Mexican-American History (3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

COMPLIT 25	Ethnic Writers	(4)		NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)		SOCIO 33 Social Inequality in the United States	(3)
ENV S&P 10	Current Issues in Environment	(3)		N R 2 Environmental Science	(3)
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	
HISTORY 7C	Latin America 1900-Present	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 17A	U.S. History	(4)		HIST 17A History of the United States	(3)
LINGUIS 1	Intro Linguistics	(4)		HUM 4 Introduction to 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 or 21A/B
- Chemistry 2A/B/C
- Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a

letter grade, with no grade less than C:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)		BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

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

	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 (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 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)		PHYS 2A <u>&</u>	General Physics (4)
				PHYS 2B	General Physics (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A <u>&</u>	General Physics (4)
				PHYS 2B	General Physics (4)
PHYSICS 7C	General Physics	(4)		PHYS 2A <u>&</u>	General Physics (4)
				PHYS 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:

MATH 21C	Calculus	(4)		MATH 3	Vector Calculus (4)
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END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://tag.ucdavis.edu). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the [UC Davis 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 & Evolution	(5)		BIOL 1 &	Core Biology	(4)
				BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 2 &	General Zoology	(5)
				BIOL 3	General Botany	(4)
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)

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

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

PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

**The remaining preparatory subject matter is based on which
major option you choose:**

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	ANTHR 1	Cultural Anthropology	(3)
	OR				OR	
PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology	(3)
	OR				OR	
SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOCIO 1B	Problems of a Changing Society	(3)

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)

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	ANTHR 1	Cultural Anthropology	(3)
	OR				OR	
SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOCIO 1B	Problems of a Changing Society	(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)

PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology	(3)
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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		
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55					
CM&RGDE 2	Ethnicity Amer Comm	(4)		SOCIO 33	Social Inequality in the United States	(3)
INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
SCI&SOC 2	Feeding the Planet	(3)		NO COMPARABLE COURSE		
SCI&SOC 15	Aids & Society	(4)		NO COMPARABLE COURSE		

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 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.

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 [General Catalog](#) . Quick reference charts for [AP](#) and [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	
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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)	PHYSICS 9A	Principles of Physics: (4)	Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSICS 9B	Principles of Physics: (4)	Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSICS 9C	Principles of Physics: (4)	Electricity and Magnetism

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)
	OR		MATH 2	Calculus II	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not	
MATH 17B	Calculus for Biosci	(4)	submitted	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not	
	OR		submitted	course(s) for articulation	
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	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Core Biology	(4)
			BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)
	OR		OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
	OR		OR		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

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)

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 [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.

GENERAL EMPHASIS:

PHILOS 12	Intro to Symbol Logic	(4)	PHILO 30	Introductory Logic	(3)
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AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

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

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. PHILOSOPHY OF SCIENCE

PHILOS 30 Intro Philos of Sci (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
OR | OR
PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE
OR | OR
PHILOS 32 Scientific Change (4) | NO COMPARABLE COURSE
OR | OR
PHILOS 38 Intro Philos of Biol (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

g. PHILOSOPHY OF LANGUAGE

PHILOS 17 Language, Thought & World (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

d) PHILOS 14 Eth Soc Prob in Soc (4) | PHILO 40 Ethics (3)
PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE
PHILOS 16 Phil Foundations of Amer Democ (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

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:

ONE COURSE FROM THE FOLLOWING:

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		

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)	PHILO 30	Introductory Logic	(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 [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International 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)	PHYSICS 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSICS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSICS 4C	Principles of Physics: (4) Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

MATH 21A	Calculus	(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)

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

Special Advising Note for future applicants:*

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYSIC 4A	Principles of Physics: (4) Mechanics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 4C	Principles of Physics: (4) Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

MATH 21A	Calculus	(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)

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 equivalent programming course**

PHYSICS 80 Experimental Techniques (4)

HIGHLY RECOMMENDED

ASTROPHYSICS EMPHASIS

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

ASTRON 25 Intro to Modern (4) | NO COMPARABLE COURSE
Astronomy & Astrophrophy |

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

====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 or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

RECOMMENDED COURSES:

CHEM 2C Genl Chemistry (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 or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

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

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

* Students planning for the major biochemistry and molecular biology should

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

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

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.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 [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 & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry 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		
	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 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)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 3	Vector Calculus	(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 highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	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 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)

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 &	Organic Chemistry	(5)
			CHEM 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	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		

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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		
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COURSES FOR THE CROP PRODUCTION OPTION:

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

POL SCI 1	Amer Natl Govt	(4)		POLSC 1	American Government and (3) Institutions
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TWO COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)		POLSC 2	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
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE	
POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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)
					Comparative Politics	
POL SCI 3	Internatnl Relations	(4)		POLSC 5	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLSC 3	Introduction to	(3)
					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	
POL SCI 2	Intro Comp Politics	(4)		POLSC 2	Introduction to	(3)
					Comparative Politics	
POL SCI 3	Internatnl Relations	(4)		POLSC 5	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLSC 3	Introduction 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 11A	America Decides	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11B	Citizen Lawmaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11C	Politics & Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11D	Political Persuasion	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12A	Politics & Sports	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12B	Climate Chg & Politics	(4)				

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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 Psychology	(3)
PSYCH 41	Research Methods	(4)		PSYCH 4	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)		MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y					
				OR		
				PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Core Biology	(4)
OR A COMBINATION OF						
BIOLSCI 10	Everyday Biology	(4)		BIOL 10	Survey of Biology	(4)
AND ONE COURSE FROM						
ANTHRO 1	Human Evol Biol	(4)		ANTHR 2	Biological Anthropology	(3)
	OR				OR	
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
	OR				OR	
NE PH B 10	Elem Human Physio	(3)		BIOL 32	Human Physiology	(5)

END OF MAJOR

====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:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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 Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y					
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

MATH 16A	Short Calculus	(3)	MATH 13	Survey of Calculus	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
	OR		MATH 2	Calculus II	(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	
MATH 21A	Calculus	(4)	MATH 1	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 2	Calculus II	(4)

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Introduction to Physics	(4)
	OR			OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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 Earth	(5)	BIOL 1	Core Biology	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Core Biology	(4)
			BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)

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 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 &	Organic Chemistry	(5)
			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)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
 Statistics 13;
 One of these two options:
 Biological Sciences 2A
 or
 Biological Sciences 10 and one course from:
 Anthropology 1 or
 Molecular and Cellular Biology 10 or
 Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B.

degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 4	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y					
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

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)

ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			<u>OR</u>		
			CSP 31A	C++ Programming I	(3)

As of F18, Course Number = ENG CS 36A

			<u>OR</u>		
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.

CHEM 10	Concept of Chem	(4)	CHEM 10	Exploring Everyday Chemistry	(3)
			<u>OR</u>		
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)
			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Introduction to Physics	(4)
			<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
			<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 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 Earth	(5)	BIOL 1	Core Biology	(4)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Survey of Biology	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 2	Biological Anthropology	(3)
			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
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 [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.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	RELGN 14A	Great Religions of the Eastern World	(3)
			OR		
			RELGN 14B	Great Religions of the Western World	(3)
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 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

FOUR COURSES FROM THE FOLLOWING:

REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
As of F18, title = The Bible			
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
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 [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.

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 [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.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not 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 [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.

SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		

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

ONE COURSE FROM THE FOLLOWING:

SOCIOL 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 COMPARABLE 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
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 7C Latin America (4) | NO COURSE ARTICULATED: College has not
1900-Present submitted course(s) for articulation
HISTORY 8 Indian Civilization (4) | NO COMPARABLE COURSE
HISTORY 9A East Asian Civ (4) | NO COMPARABLE COURSE
HISTORY 9B East Asian Civ (4) | NO COMPARABLE COURSE
HISTORY 10C World History III (4) | HIST 2B World History since (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 (3)
States
HISTORY 17B U.S. History (4) | HIST 17B History of the United (3)
States

ONE COURSE FROM THE 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)
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. (Comparative Studies and World Development)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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.

SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		

SOCIOL 46B	AND Intro Social Rsch	(5)		AND NO COMPARABLE COURSE	
ECON 1B	Princ of Macroecon	(4)		ECON 1A Principles of Macroeconomics	(3)
ANTHRO 2 As of W17, units=5	Cultural Anthropology	(4)		ANTHR 1 Cultural Anthropology	(3)
ANTHRO 20	OR Comparative Cultures	(4)		OR NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)		HIST 2B World History since 1600	(3)
POL SCI 2	OR Intro Comp Politics	(4)		OR 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 [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.

SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOCIO 1B	Problems of a Changing Society	(3)
	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 Employment	(4)	NO COURSE ARTICULATED: College has not 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 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLSC 1	American Government and Institutions	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 5	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3	Introduction to Political Theory	(3)
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 Civilization	(3)
			HIST 4B	History of Western Civilization	(3)
HISTORY 4C	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 6	Intro to Middle East	(4)	HIST 6C	History of the Middle East	(3)
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 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 2B	World History since 1600	(3)
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	(4)	PHILO 30	Introductory Logic	(3)
	OR			OR	
d) PHILOS 14	Eth Soc Prob in Soc	(4)	PHILO 40	Ethics	(3)
	OR			OR	
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.

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.

SOCIOL 1	Intro Sociology	(5)		SOCIO 1A	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
	OR			OR		
SOCIOL 3	Social Problems	(4)		SOCIO 1B	Problems of a Changing Society	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 1	Introduction to Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)		HIST 34	Asian Pacific American History	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		HIST 31	Mexican-American History	(3)
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not 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	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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

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

SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)
	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	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not 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 Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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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	Introduction to	(3)
					Linguistics	
					Same as: ANTHR 4	

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	(3)		MATH 13	Survey of Calculus	(4)
				<u>OR</u>		

MATH 16B	Short Calculus	(3)	MATH 1	Calculus I	(5)
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)

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			OR	
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.

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 [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

MATH 16A	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	(3)	MATH 2	Calculus II	(4)
	<u>OR</u>			<u>OR</u>	
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	
	<u>OR</u>			<u>OR</u>	
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

MATH 22A	Linear Algebra	(3)	MATH 5	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENG CS 30	Programming&Prob Solving	(4)	CSP 26A	JAVA Programming	(3)
			<u>OR</u>		
			CSP 31A	C++ Programming I	(3)
	As of F18, Course Number = ENG CS 36A			<u>OR</u>	
	<u>OR</u>			<u>OR</u>	
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.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		

				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 [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 [AP](#) and [IB](#) 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	(3)		MATH 5	Linear Algebra	(3)
<hr/>						
ENG CS 60	Data Structures & Programming	(4)		CSP 26B	Data Structures with Java	(3)
<hr/>						
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.

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

Transfer Admission Guarantee (TAG) Note:

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[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) 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	(3)	MATH 5	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 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			OR	
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.

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				

====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:

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

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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)

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

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)
	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 highly recommended that students complete chemistry courses before transferring.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)
PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(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		

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49A	Animal Prac/Aquaculture	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49B	Animal Prac/Beef	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49C	Animal Prac/Dairy	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49D	Animal Prac/Goats	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49E	Animal Prac/Horses	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49F	Animal Prac/Lab Animals	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49G	Animal Prac/Meats	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49H	Animal Prac/Poultry	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49I	Animal Prac/Sheep	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49J	Animal Prac/Swine	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ABIOSYT 49	Fld Equip Oper	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
ABIOSYT 52	Field Equip Welding	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

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 1B	General Chemistry	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
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 3	General Botany	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLANT 10	Principles of Plant Science	(3)
AN SCI 1	Domest Ani & People	(4)	AH SC 10	Principles of Animal Science	(3)
	OR			OR	
AN SCI 2	Intro Animal Sci	(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 Microeconomics	(3)
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			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILO 40	Ethics	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3	Introduction to Political Theory	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 1B	Problems of a Changing Society	(3)

TRACK II: FOOD AND SOCIETY

c) PHILOS 5	Critical Reasoning	(4)	PHILO 30	Introductory Logic	(3)
	OR			OR	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		
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)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to	(4)

Same as: STATIST 13Y			Probability and Statistics
		<u>OR</u>	
		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)
	<u>OR</u>		<u>OR</u>
BIOLSCI 10	Everyday Biology	(4)	BIOL 10 Survey of Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	PLANT 10 Principles of Plant Science (3)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & Core Biology (4) BIOL 2 & General Zoology (5) BIOL 3 General Botany (4)
	<u>OR</u>		<u>OR</u>
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<u>OR</u>		<u>OR</u>
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ENV SC&M 30			<u>OR</u>
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
W&F BIO 51	Intro to Conservation Biology	(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)	ECON 1B Principles of Microeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3 Introduction to Political Theory (3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1 Cultural Anthropology (3)
As of W17, units=5			<u>OR</u>
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A Introduction to Sociology (3)
	<u>OR</u>		<u>OR</u>
SOCIOL 3	Social Problems	(4)	SOCIO 1B Problems of a Changing Society (3)
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 33 Social Inequality in the United States (3)

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 13 Survey of Calculus (4)
			<u>OR</u>
MATH 16B	Short Calculus	(3)	MATH 1 Calculus I (5) MATH 2 Calculus II (4)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			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	Core Biology	(4)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Survey of Biology	(4)

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

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 &	Core Biology	(4)
			BIOL 2 &	General Zoology	(5)
			BIOL 3	General Botany	(4)
	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	Same as: ENV SC&M 30				
	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(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)	ECON 1B	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Macroeconomics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 3	Introduction to Political Theory	(3)

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1	Cultural Anthropology	(3)
	As of W17, units=5				
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 1B	Problems of a Changing Society	(3)

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			OR	

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

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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 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)

ENGLISH 3 Intro to Lit (4) | ENG 1B Written Communications (3)
 II: A Critical Introduction to Literature
 OR

UWRITING 1 Expository Writing (4) | ENG 1A Reading and Composition (3)
 OR

UWRITING 18 Style in the Essay (4) | NO COMPARABLE COURSE
 As of F17, Course Number = UWRITING 48

OR
 UWRITING 19 Wrtg Research Papers (4) | ENG 1D Advanced Composition and (3)
 Critical Thinking
 As of F17, Course Number = UWRITING 49

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 3 General Botany (4)

ONE COURSE FROM THE FOLLOWING:

STATIST 10 Statist Thinking (4) | NO COMPARABLE COURSE
 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

ONE COURSE FROM THE FOLLOWING:

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of	(3)
				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	
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	
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not		
Same as: COMUNCN 12Y, PSYCH 12Y			submitted course(s) for articulation		
SOCIOLOGICAL 12Y					
POL SCI 51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not		
	Politics		submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

SOCIOLOGICAL 1	Intro Sociology	(5)	SOCIO 1A	Introduction to	(3)
				Sociology	
SOCIOLOGICAL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOLOGICAL 3	Social Problems	(4)	SOCIO 1B	Problems of a Changing	(3)
				Society	
SOCIOLOGICAL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
SOCIOLOGICAL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
SOCIOLOGICAL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not		
	Employment		submitted course(s) for articulation		
SOCIOLOGICAL 25	Popular Culture	(4)	NO COMPARABLE COURSE		
SOCIOLOGICAL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
SOCIOLOGICAL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
SOCIOLOGICAL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
SOCIOLOGICAL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

AND ONE COURSE IN A PHYSICAL SCIENCE

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
LND ARC 2	Place, Culture, Community	(4)	NO COURSE ARTICULATED: College has not		

LND ARC 3	Sustainable Development	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Introduction to Spacemaking	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [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 (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of (3) Macroeconomics

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 1	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A	Art History: Europe from Prehistory to 1400	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B	Art History: Europe from the Fifteenth to the Twentieth Century	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 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		

STATIST 13	Elementary Statistics	(4)	MATH 12	Introduction to Probability and Statistics	(4)
Same as: STATIST 13Y					
			OR		
			PSYCH 2	Statistical Methods for Psychology and Social Science	(3)

TEX&CL 6	Intro Textiles	(4)	FASHION 6	Textiles	(3)
			Same as: ID 6		
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		

MGMT 11A	Elem Accounting	(4)	BUS 1A	Principles of Accounting	(5)
MGMT 11B	Elem Accounting	(4)	BUS 1B	Principles of Accounting	(5)

CHEM 10	Concept of Chem	(4)	CHEM 10	Exploring Everyday Chemistry	(3)
	OR			OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	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)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 18A	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)	MATH 2	Calculus II	(4)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [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 Science (3)
	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	Cultural Anthropology	(4)		ANTHR 1	Cultural Anthropology (3)
As of W17, units=5					
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)		NO COMPARABLE COURSE	
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 1A	Art History: Europe from Prehistory to 1400 (3)

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

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	OR	NO COMPARABLE COURSE	
PHYSICS 10	Topics, Nonscientists	(4)	OR	PHYS 10	Introduction to (4) Physics

PSYCH 1	General Psychology	(4)	OR	PSYCH 1	Introduction to (3) Psychology
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SOCIOL 2	Self and Society	(4)	OR	NO COMPARABLE COURSE	
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STATIST 13	Elementary Statistics	(4)	OR	MATH 12	Introduction to (4) Probability and Statistics
	Same as: STATIST 13Y			PSYCH 2	Statistical Methods for (3) Psychology and Social Science

TEX&CL 6	Intro Textiles	(4)	OR	FASHION 6	Textiles (3) Same as: ID 6
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TEX&CL 7	Style & Cult Std	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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TEX&CL 8	Textile Apparel Ind	(4)	OR	NO COMPARABLE COURSE	
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CHEM 2A	Genl Chemistry	(5)	OR	CHEM 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	OR	CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)	OR	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	OR	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	OR	MATH 13	Survey of Calculus (4)
				MATH 1	Calculus I (5)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	OR	BUS 18A	Business Law (3)
CHEM 2C	Genl Chemistry	(5)	OR	CHEM 1B	General Chemistry (5)
CHEM 128A	Organic Chemistry	(3)	OR	CHEM 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	OR	CHEM 12A &	Organic Chemistry (5)
				CHEM 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	OR	CHEM 12B	Organic Chemistry (5)
DESIGN 77	Intro to Fashion Design	(4)	OR	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	OR	BUS 1A	Principles of Accounting (5)
MGMT 11B	Elem Accounting	(4)	OR	BUS 1B	Principles of Accounting (5)
MATH 16B	Short Calculus	(3)	OR	MATH 2	Calculus II (4)
MATH 16C	Short Calculus	(3)	OR	MATH 2	Calculus II (4)
SOCIOL 25	Popular Culture	(4)	OR	NO COMPARABLE COURSE	

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

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

====Theatre and Dance A.B.====

Special Advising Note:

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ALL OF THE FOLLOWING COURSES:

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 submitted course(s)for articulation	
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for 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 [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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 1	Core Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)		PLANT 10	Principles of Plant Science	(3)
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)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

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)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
	AND			AND		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	OR			OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 2A &	General Physics	(4)
				PHYSIC 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.

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

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

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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.

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 Communication	(3)
	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 Earth	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

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)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
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)
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 2B	General Physics	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics	(4)
				PHYS 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 &	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		
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 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 129A	Organic Chem Lab	(2)		CHEM 12A	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Principles of Physics:	(4)
					Mechanics	

PHYSICS 9B	Classical Physics	(5)	PHYSICS 4B	Principles of Physics: (4) Waves, Sound, and Thermodynamics
PHYSICS 9C	Classical Physics	(5)	PHYSICS 4C	Principles of Physics: (4) Electricity and Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
a) BIMEDEN 1	Intro Biomedical Engr	(2)	NO COMPARABLE COURSE	
a) BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE	
a) ENGIN 4	Graphics in Design	(3)	ENGR 2	Engineering Graphics (3)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE 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	JAVA Programming (3)
			<u>OR</u>	
			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				
ENG CS 50	Machine Dependent Prog	(4)	CSP 25	Assembly Language Programming (3)
ENG CS 60	Data Structures & Programming	(4)	CSP 26B	Data Structures with Java (3)
As of F18, Course Number = ENG CS 36C				
a) ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE	
a) ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE	
a) ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE	
a) ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)		
a) ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE	
UWRITING 1	Expository Writing	(4)	ENG 1A	Reading and Composition (3)
ENGLISH 3	Intro to Lit	(4)	ENG 1B	Written Communications (3) II: A Critical Introduction to Literature

COMUNCN 1	Intro Public Spkg	(4)	COM ST 1A	Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COM ST 3	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1	Core Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1 & BIOL 2 & BIOL 3	Core Biology General Zoology General Botany	(4) (5) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 2 & BIOL 3	General Zoology General Botany	(5) (4)
e) GEOLOGY 50 t)	Physical Geology	(3)	GEOL 1A	Physical Geology w/Lab	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

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.**