

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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				OR		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
				OR		
				CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)

a) ENGIN 4	Graphics in Design	(3)		ENGR 25	Engineering Graphics and Design	(3)
a) ENGIN 17	Circuits I	(4)		ENGR 16	Electric Circuits & Devices	(4)
a) ENGIN 35	Statics	(4)		ENGR 34	Engineering Mechanics: Statics	(3)
a) ENGIN 45	Prop of Mats	(4)		ENGR 45	Properties of Materials	(4)
a) ENGIN 6	Engr Prob Solving	(4)		ENGR 6	Programming in MATLAB for Engineers	(3)
	OR			OR		
a) ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming	(4)
				OR		

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)	ENGL 1A	College Composition	(4)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	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:

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

AF-AMST 10	Af-Am Culture & Soc	(4)		HIST 30	African-American History	(3)
AF-AMST 12	Intro Afro Studies	(4)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

AF-AMST 15	Intro Afro Amer Hum	(4)		ENGL 31	African-American Arts and Literature	(3)
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)		ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5						
ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLS 1	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 2	Introduction to Comparative Government	(3)
PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	HIST 26	History of Chicanos and (3) Latinos from 1848 to Present
N A STD 1	Intro NA Studies	(4)	ANTHRO 32	Native Cultures of (3) North America
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE	
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE	
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

TWO COURSES FROM THE FOLLOWING:

HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE	
Course discontinued as of S18				
i) HISTORY 17A	U.S. History	(4)	HIST 17.1	History of the United (3) States to 1877
i) HISTORY 17B	U.S. History	(4)	HIST 17.2	U.S. History from (3) 1877

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)	DANCE 13.1	Jazz Dance I (1.5)
DRAMART 41B	Inter Jazz Dance	(2)	DANCE 13.2	Jazz Dance II (1.5)
OR				
			DANCE 13.3	Jazz Dance III (1.5)
DRAMART 44A	Beg Hip Hop Dance	(2-4)	DANCE 21.1	Hip Hop/Funk I (1.5)
DRAMART 44B	Inter Hip Hop Dance	(2-4)	DANCE 21.3	Hip Hop/Funk III (1.5)
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE	

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

====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.

i) HISTORY 17A	U.S. History	(4)	HIST 17.1	History of the United States to 1877	(3)
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	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to United States Government	(3)

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
p) AN SCI 2	Intro Animal Sci	(4)	ANSCI 2	Introduction to Farm Animal Health	(3)

OR

ANSCI 27	Beef Cattle Science	(3)
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OR

ANSCI 28	Sheep Science	(3)
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OR

ANSCI 29	Dairy Cattle Industry/Dairy Cattle Science	(3)
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AN SCI 21	Livestock&Dairy Jdg	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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AN SCI 41	Domestic Ani Prod	(2)	ANSCI 20	Basic Animal Science	(3)
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ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
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ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		
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AND

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
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OR

ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)
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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENVHORT 6	Intro Environ Plants	(4)	HORT 8	Plant Materials: Summer/Fall	(3)
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OR

HORT 12	Plant Materials: Winter/Spring	(3)
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PL SCI 5	Plants Gard, Orch & Land	(2)	NO COMPARABLE COURSE		
FORMERLY PLANT BIO 1					

ENV S&P 10	Current Issues in Environment	(3)	BIO 12	Basic Concepts of Ecology	(3)
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OR

SOCS 12	Environmental Policies and Politics	(3)
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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		
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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		
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PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
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PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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VIT-ENO 2	Intro to Viticult	(2)	WINE 1	Introduction to Viticulture, Winemaking,	(3)
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				Wines of the World	
				Same as: VIT 1	
VIT-ENO 3	Intro Winemaking	(3)	WINE 3	Introduction to Enology	(4)

ALL OF THE FOLLOWING COURSES:					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

q) GEOLOGY 1	The Earth	(4)	GEOL 1	The Earth	(3)
GEOLOGY 20	California Geology	(2)	GEOL 11	Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

END OF MAJOR

- i) UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.
- p) Students must take any three of ANSCI 2, ANSCI 27, ANSCI 28, ANSCI 29, to be comparable to UC Davis's AN SCI 2.
- q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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College Foreign Language Requirement Note:

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

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

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AMR STD 10 Intro American Studies (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AMR STD 1A Science and American (4) | NO COMPARABLE COURSE
Culture
AMR STD 1B Relig in Am Lives (4) | RELS 32 Religion in America (3)
AMR STD 1C American Lives (4) | NO COMPARABLE COURSE
AMR STD 1E Nat&Cult Amr (4) | NO COMPARABLE COURSE
AMR STD 5 Tech in Amr Lives (4) | NO COMPARABLE COURSE
AMR STD 21 Objects & Everyday Life (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
AMR STD 25 U.S. as Business (4) | NO COURSE ARTICULATED: College has not
Culture submitted course(s) for articulation
AMR STD 30 Amr Images Pop Cult (4) | NO COMPARABLE COURSE
AMR STD 55 Food in Amer Culture (4) | NO COURSE ARTICULATED: College has not
Same as: FD S&T 55 submitted course(s) for articulation
AMR STD 59 Music and American (4) | NO COURSE ARTICULATED: College has not
Culture submitted courses for articulation

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture & Soc (4) | HIST 30 African-American (3)
History
A A STD 1 Hist Exp Asian Am (4) | NO COMPARABLE COURSE
CHICANO 10 Intro to Chic Std (4) | HIST 26 History of Chicanos and (3)
Latinos from 1848 to
Present
N A STD 1 Intro NA Studies (4) | ANTHRO 32 Native Cultures of (3)
North America

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (4) | ANTHRO 2 Cultural Anthropology (3)
As of W17, units=5
SOCIO 2 Self and Society (4) | SOC 3 Self and Society (3)
WOM STD 50 Intro Gender Studies (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

i) HISTORY 17A U.S. History (4) | HIST 17.1 History of the United (3)
States to 1877
i) HISTORY 17B U.S. History (4) | HIST 17.2 U.S. History from (3)
1877
i) HISTORY 72A Am Women & Gender (4) | HIST 18.1 History of Women in (3)
the United States to
1877
i) HISTORY 72B Am Women & Gender (4) | HIST 18.2 History of Women in (3)
the United States
Since 1877

ONE COURSE FROM THE FOLLOWING:

FILM ST 1 Intro to Film Studies (4) | MEDIA 10 Film Appreciation (4)
Formerly Humanities 10
END OF MAJOR

i) UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined -
maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit,
one course.

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

Special Advising Note:

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
			<u>OR</u>	
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 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
			<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 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course (4)

PHYSICS 7A	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II
PHYSICS 7B	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II

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 15	Elementary Statistics (4)
	Same as: STATIST 13Y				

AN BIOL 50A	Animal Biol Lab	(2)		NO COMPARABLE COURSE	
AN BIOL 50B	Animal Biology	(3)		NO COMPARABLE COURSE	
AN BIOL 50C	Animal Biology	(3)		NO COMPARABLE COURSE	

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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
p) AN SCI 2	Intro Animal Sci	(4)	ANSCI 2	Introduction to Farm Animal Health (3)
			OR	
			ANSCI 27	Beef Cattle Science (3)
			OR	
			ANSCI 28	Sheep Science (3)
			OR	
			ANSCI 29	Dairy Cattle Industry/Dairy Cattle Science (3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2	& Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2	& Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry (5)
			CHEM 1B	& General Chemistry (5)
			OR	
			CHEM 4A	& General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)

PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer Applications (3)
			OR	
B) ENG CS 15	Intro to Computers	(4)	CS 5	Computer Literacy (3)

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics (3)

MGMT 11A	Elem Accounting	(4)	BAD 1	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BAD 2	Managerial Accounting	(4)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(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) | ANSCI 20 Basic Animal Science (3)
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 Hub (3) | EQSCI 25 Equine Science (3)

LIVESTOCK SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | ANSCI 20 Basic Animal Science (3)
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) | BAD 18 The Legal Environment of Business (3)

END OF MAJOR

- p) Students must take any three of ANSCI 2, ANSCI 27, ANSCI 28, ANSCI 29, to be comparable to UC Davis's AN SCI 2.
- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

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

Special Advising Note:

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

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

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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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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)	NO COMPARABLE COURSE	
p) AN SCI 2	Intro Animal Sci	(4)	ANSCI 2	Introduction to Farm Animal Health (3)
			<u>OR</u>	
			ANSCI 27	Beef Cattle Science (3)
			<u>OR</u>	
			ANSCI 28	Sheep Science (3)
			<u>OR</u>	
			ANSCI 29	Dairy Cattle Industry/Dairy Cattle Science (3)
AN SCI 41	Domestic Ani Prod	(2)	ANSCI 20	Basic Animal Science (3)
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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2	<u>&</u> Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2	<u>&</u> Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5)

			Chemistry		
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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

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) | EQSCI 25 Equine Science (3)

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

p) Students must take any three of ANSCI 2, ANSCI 27, ANSCI 28, ANSCI 29, to be comparable to UC Davis's AN SCI 2.

====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.

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
b) ANTHRO 23	Intr World Prehist	(4)		ANTHRO 3	Introduction to Archaeology	(3)
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 15 Elementary Statistics (4)
Same as: STATIST 13Y			
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)	ANTHRO 2 Cultural Anthropology (3)
As of W17, units=5			

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1 Biological Anthropology (3)
b) ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 3 Introduction to Archaeology (3)
ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

1) Two additional quarters of the foreign language used to meet the L & S language requirement.

2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	ANTHRO 30 Anthropology of Globalization (3)
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

b) Students who take ANTHRO 3 at Santa Rosa Junior College will receive credit at UC Davis for ANTHRO 3 OR 23, NOT BOTH.

====Anthropology 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.

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 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5					
b) ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 3	Introduction to Archaeology	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)

			Chemistry		
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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not	
			submitted	course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not	
			submitted	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not	
			submitted	course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(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 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
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)	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	
q) GEOLOGY 1	The Earth	(4)	GEOL 1	The Earth	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology	(3)

END OF MAJOR

- b) **Students who take ANTHRO 3 at Santa Rosa Junior College will receive credit at UC Davis for ANTHRO 3 OR 23, NOT BOTH.**
- q) **If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**

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

Special Advising Note:

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

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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)

Or high school equivalent

MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course	(3)
				- Differential Equations	
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	

or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear	(3)
				Algebra	
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		
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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)		CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
			CS 17.11	Java Programming	(3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++ (4)		CS 11	Data Structures and Algorithms	(4)

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)		BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2	<u>&</u> Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
				BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
OR						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis	(5)
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)
OR						
ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(3)
OR						
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
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)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)
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	
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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

PHYSICS 80 Experimental Techniques (4)

ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(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)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with	(5)

					Quantitative Analysis	
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 40	Sftwr/Obj-Orien:C++	(4)		CS 11	Data Structures and	(4)
					Algorithms	

As of F18, Course Number = ENG CS 36B

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGR 16	Electric Circuits &	(4)
					Devices	

PHYSICAL OCEANOGRAPHY CONCENTRATION

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4A	General Chemistry with	(5)
					Quantitative Analysis	
				<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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 2.1	History & Aesthetic Appreciation of Prehistoric - Gothic Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 2.2	History and Appreciation of Late Gothic to Impressionist Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 2.3	History and Appreciation of Modern Art	(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 COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	ARCH 2.2 &	History of World Architecture: Renaissance to 20th Century	(3)
			ARCH 2.3	History of World Architecture: 20th Century and Contemporary	(3)

ONE ART STUDIO COURSE FROM:

f) ART 2	Beginning Drawing	(4)	ART 7A	Drawing & Composition 1	(3)
			OR		
			ART 7B	Drawing and Composition 2	(3)
ART 5	Beginning Sculpture	(4)	ART 33A	Beginning Sculpture	(3)
			OR		
			ART 33B	Intermediate Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 14A	Beginning Painting	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
ART 11	Beginning Printmaking	(4)	ART 24	Introduction to the Art of Printmaking	(3)
ART 12	Beginning Video	(4)	MEDIA 20	Introduction to Digital Filmmaking	(4)
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

f) The Department of Design at UC Davis will accept Santa Rosa Junior

College's ART 7A and 7B in lieu of DESIGN 14. The Art Department at UC Davis will accept Santa Rosa Junior College's ART 7A in lieu of ART 2 or ART 7B in lieu of Art 2.

====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:

f) ART 2	Beginning Drawing	(4)		ART 7A	Drawing & Composition 1	(3)
				<u>OR</u>		
				ART 7B	Drawing and Composition 2	(3)
ART 5	Beginning Sculpture	(4)		ART 33A	Beginning Sculpture	(3)
				<u>OR</u>		
				ART 33B	Intermediate Sculpture	(3)

ART 7	Beginning Painting	(4)	ART 14A	Beginning Painting	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
ART 11	Beginning Printmaking	(4)	ART 24	Introduction to the Art of Printmaking	(3)
ART 12	Beginning Video	(4)	MEDIA 20	Introduction to Digital Filmmaking	(4)
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 COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 2.1	History & Aesthetic Appreciation of Prehistoric - Gothic Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 2.2	History and Appreciation of Late Gothic to Impressionist Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 2.3	History and Appreciation of Modern Art	(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 COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	ARCH 2.2 &	History of World Architecture: Renaissance to 20th Century	(3)
			ARCH 2.3	History of World Architecture: 20th Century and Contemporary	(3)

END OF MAJOR

f) **The Department of Design at UC Davis will accept Santa Rosa Junior College's ART 7A and 7B in lieu of DESIGN 14. The Art Department at UC Davis will accept Santa Rosa Junior College's ART 7A in lieu of ART 2 or ART 7B in lieu of Art 2.**

====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)	NO COMPARABLE COURSE
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)	HIST 30 African-American History	(3)
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE	
AF-AMST 15	Intro Afro Amer Hum	(4)	ENGL 31 African-American Arts and Literature	(3)
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)	RELS 32 Religion in America	(3)
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 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
CHICANO 10	Intro to Chic Std	(4)	HIST 26 History of Chicanos and (3) Latinos from 1848 to Present
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)	ENGL 33 ChicanoChicana Arts & (3) Literature
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
N A STD 1	Intro NA Studies	(4)	ANTHRO 32 Native Cultures of (3) North America
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)	ANTHRO 43 Native American Art (3) and Culture
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	COUN 20 Sex and Gender (3)
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	PSYCH 3 Human Sexuality (3)
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 COMPARABLE COURSE
g) ART 10	Fine Art Appreciation	(3)	ART 3 Introduction to Art & (3) Design
As of W17, units = 4			
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE
PHILOS 5	Critical Reasoning	(4)	PHIL 3 Critical Thinking (3) OR PHIL 5 Critical Thinking/Writing (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 1B Introduction to (3) Psychological Research

			Methods
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 15 Elementary Statistics (4)
Same as: STATIST 13Y			

END OF MAJOR

g) The Department of Design at UC Davis will accept Santa Rosa Junior College's ART 3 in lieu of DESIGN 15. The Art Department at UC Davis will accept Santa Rosa Junior College's ART 3 in lieu of ART 10.

====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)		NO COMPARABLE COURSE	

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry (5)
				<u>OR</u>	
				CHEM 4A	General Chemistry with (5)
					Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry (5)
				<u>OR</u>	
				CHEM 4A &	General Chemistry with (5)
					Quantitative Analysis
				CHEM 4B	General Chemistry with (5)
					Quantitative Analysis

ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to (4)
					Computer Programming
				<u>OR</u>	
				CS 17.11	Java Programming (3)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course (4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course (4)
MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear (3)
					Algebra
MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course (3)
					- Differential Equations

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE
PHYSICS 9A	Classical Physics	(5)	PHYS 40 Classical Mechanics for Scientists and Engineers (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41 Waves, Optics and Thermodynamics for Scientists & Engineers (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42 Electricity and Magnetism for Scientists and Engineers (4)
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 15 Elementary Statistics (4)

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)	ENGR 6 Programming in MATLAB for Engineers (3)
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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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				OR		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)

				<u>OR</u>		
					CHEM 4A &	General Chemistry with (5) Quantitative Analysis
					CHEM 4B	General Chemistry with (5) Quantitative Analysis
a)	CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry (5)
				<u>OR</u>		
					CHEM 4B	General Chemistry with (5) Quantitative Analysis
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)		BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)

	ENG CHM 60	Engineering Problem Solv	(4)			
a)	ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to (4) Computer Programming
					<u>OR</u>	
					CS 17.11	Java Programming (3)
		<u>OR</u>			<u>OR</u>	
a)	ENGIN 6	Engr Prob Solving	(4)		ENGR 6	Programming in MATLAB (3) for Engineers

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)		ENGL 1A	College Composition (4)
		<u>OR</u>			<u>OR</u>	
a)	ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Literature and (3) Composition

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
	<u>OR</u>		<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation

MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 1A Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B Calculus, Second Course (5)

PHYSICS 7A	General Physics	(4)	PHYS 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II
PHYSICS 7B	General Physics	(4)	PHYS 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)	PHYS 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II

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 40 Classical Mechanics for (5) Scientists and Engineers
PHYSICS 9B	Classical Physics	(5)	PHYS 41 Waves, Optics and (4) Thermodynamics for Scientists & Engineers
PHYSICS 9C	Classical Physics	(5)	PHYS 42 Electricity and (4) Magnetism for Scientists and Engineers

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 1C Calculus, Third Course (4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Mathematics 17A/B/C 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with (5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	Quantitative Analysis General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
	<u>OR</u>			<u>OR</u>	
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)
<hr/>					
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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>		
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5)
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CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Chemistry Introductory Organic Chemistry	(5)
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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(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 1A | Calculus, First Course | (5) |
| a) MATH 21B | Calculus | (4) | | MATH 1B | Calculus, Second Course | (5) |
| a) MATH 21C | Calculus | (4) | | MATH 1C | Calculus, Third Course | (4) |

a) MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)
a) ENGIN 35	Statics	(4)	ENGR 34	Engineering Mechanics: Statics	(3)

a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)

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)	SPCH 1A	Introduction to Public Speaking	(3)
	<u>OR</u>			<u>OR</u>	

a) COMUNCN 3	Intprsnl Com Cmpetnce (4)		COMM 6	Interpersonal Communication	(3)
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REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
	OR				OR	

a) CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 12A	Organic Chemistry	(5)
	AND				AND	

a) CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
	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)		BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
	AND			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
					AND

a) BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
				BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

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 [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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)

a) MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A <u>OR</u> CHEM 4A	General Chemistry General Chemistry with Quantitative Analysis	(5) (5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B <u>OR</u> CHEM 4A & CHEM 4B	General Chemistry General Chemistry General Chemistry with Quantitative Analysis General Chemistry with Quantitative Analysis	(5) (5) (5) (5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 1B <u>OR</u> CHEM 4B	General Chemistry General Chemistry with Quantitative Analysis	(5) (5)

a) CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
a) CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
	<u>OR</u>			<u>OR</u>	
a) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organic Chemistry	(5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)

a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	<u>OR</u>			<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
	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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	MATH 4	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)

As of F18, Course Number = ENG CS 36A

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)
ENG CS 50	Machine Dependent Prog	(4)	CS 12	Assembly Language	(4)

As of F18, Course Number = ENG CS 36B

ENG CS 60	Data Structures & Programming	(4)	Programming
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
	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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	

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 1C	Calculus, Third Course	(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 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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear	(3)

Algebra

a) MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)
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a) PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
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a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
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a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
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a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
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OR

			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
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a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
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			CHEM 1B	General Chemistry	(5)
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OR

			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
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			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
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a) CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
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OR

			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
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a) CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
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a) CHEM 128B	Organic Chemistry	(3)	CHEM 12A &	Organic Chemistry	(5)
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			CHEM 12B	Organic Chemistry	(5)
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a) CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
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ENG CHM 60	Engineering Problem Solv	(4)			
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OR

a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
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OR

			CS 17.11	Java Programming	(3)
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OR

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
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OR

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 16	Electric Circuits & Devices	(4)
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OR

ENGIN 35	Statics	(4)	ENGR 34	Engineering Mechanics: Statics	(3)
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OR

OR

OR

a) ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of Materials	(4)

a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and	(3)
				Composition	

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)	BIO 2.1	Fundamentals of Biology	(5)
				(Cell and Molecular)	

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.

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)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to 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 2 Calculus, Fourth Course - Differential Equations	(3)

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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	<u>&</u> General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

	<u>OR</u>		<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and	(4)

Magnetism for
Scientists and
Engineers

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
<hr/>					
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)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to 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 2	Calculus, Fourth Course - Differential Equations	(3)
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) | PHYS 43 Modern Physics for (3)
| Scientists and
| Engineers

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)
| **OR**
| CHEM 4A General Chemistry with (5)
| Quantitative Analysis
CHEM 2B Genl Chemistry (5) | CHEM 1A & General Chemistry (5)
| CHEM 1B General Chemistry (5)
| **OR**

			CHEM 4A	&	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B		General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B		General Chemistry	(5)
				OR		
			CHEM 4B		General Chemistry with Quantitative Analysis	(5)
				OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			

PHYSICS 7A	General Physics	(4)	PHYS 20	&	General Physics Lecture Part I	(3)
			PHYS 20L	&	General Physics Lab Part I	(1)
			PHYS 21	&	General Physics Lecture Part II	(3)
			PHYS 21L		General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	&	General Physics Lecture Part I	(3)
			PHYS 20L	&	General Physics Lab Part I	(1)
			PHYS 21	&	General Physics Lecture Part II	(3)
			PHYS 21L		General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	&	General Physics Lecture Part I	(3)
			PHYS 20L	&	General Physics Lab Part I	(1)
			PHYS 21	&	General Physics Lecture Part II	(3)
			PHYS 21L		General Physics Lab Part II	(1)

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

				OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 40		Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41		Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42		Electricity and Magnetism for Scientists and Engineers	(4)

MATH 16A	Short Calculus	(3)	MATH 1A		Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B		Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B		Calculus, Second Course	(5)
				OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not			

MATH 17B	Calculus for Biosci	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
MATH 17C	Calculus for BioSci	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course (4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)

STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y				
	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)

END OF MAJOR

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

Special Advising Note:

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

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

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

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

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)

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

OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
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ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

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)

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 26	History of Chicanos and (3)
					Latinos from 1848 to Present
CHICANO 50	Chicano Culture	(4)		ENGL 33	ChicanoChicana Arts & (3)
					Literature
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	
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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 - Part 1 (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 & Elementary Spanish - Part 1 (4)
			SPAN 2 Elementary Spanish - Part 2 (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 2 Elementary Spanish - Part 2 (4)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

====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 26	History of Chicanos and (3) Latinos from 1848 to Present
CHICANO 50	Chicano Culture	(4)	ENGL 33	ChicanoChicana Arts & (3) Literature

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 1B	Introduction to (3) Psychological Research Methods
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish - (4) Part 1
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish - (4) Part 1
			SPAN 2	Elementary Spanish - (4) Part 2
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish - (4) Part 2
	OR		OR	
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	

END OF MAJOR

====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)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
	OR		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 COURSE ARTICULATED: College has not
submitted course(s) for articulation
LINGUIS 1 Intro Linguistics (4) | ENGL 25 Introduction to (3)
Language Study
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:

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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)
a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for	(5)

					Scientists and Engineers	
a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)	
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)	

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)	
			<u>OR</u>			
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)	
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)	
			CHEM 1B	General Chemistry	(5)	
			<u>OR</u>			
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)	
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)	

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)	
	<u>OR</u>					
a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)	
			<u>OR</u>			
			CS 17.11	Java Programming	(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 34	Engineering Mechanics: Statics	(3)	

a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)	
	<u>OR</u>					
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)	
	<u>OR</u>					
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	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.

====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 COURSE ARTICULATED: College has not submitted course(s)for articulation
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LATIN 2	Elementary Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LATIN 3	Intermediate Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	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 2.1	History & Aesthetic Appreciation of Prehistoric - Gothic Art	(3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE		
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE		
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE		
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CLASSIC 10	Gr, Roman, N East Myth	(3)	NO COMPARABLE COURSE		
CLASSIC 15	Women & Gender in 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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 21	Phil: Ancient	(4)	PHIL 20	History of Western Philosophy: Ancient and Medieval	(3)
As of F17, title = Phil Classics: Ancient					
REL STD 21	Hebrew Scriptures	(4)	RELS 21	The Hebrew Bible	(3)
As of F18, title = The Bible					
REL STD 40	New Testament	(4)	RELS 22	Early Christian Literature	(3)

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 COURSE ARTICULATED: College has not submitted course(s)for articulation
LATIN 2	Elementary Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
LATIN 3	Intermediate Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	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
<hr/>			
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)		ENGL 1B	Literature and Composition	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	College Composition	(4)
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COMUNCN 1	Intro Public Spkg	(4)		SPCH 1A	Introduction to Public Speaking	(3)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
				BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				OR		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
				OR		
				CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
				OR		
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
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ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of Microeconomics	(3)
	OR				OR	
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(3)
<hr/>						
PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology	(3)
<hr/>						
SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology	(3)
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOC 2	Modern Social Problems	(3)
	OR				OR	
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 2	Cultural Anthropology	(3)

As of W17, units=5

STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study	(3)
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PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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PHILOS 12	Intro to Symbol Logic	(4)	PHIL 4	Introduction to Symbolic 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 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to Psychological Research Methods	(3)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

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)	MATH 4	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		

			CS 17.11	Java Programming	(3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)	CS 12	Assembly Language Programming	(4)
ENG CS 60	Data Structures & Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of F18, Course Number = ENG CS 36C					

LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study	(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		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to 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)	PHIL 4	Introduction to Symbolic 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 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to Psychological Research Methods	(3)

STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)

LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study	(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 1A Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B Calculus, Second Course (5)
MATH 21C	Calculus	(4)	MATH 1C Calculus, Third Course (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 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II
PHYSICS 7B	General Physics	(4)	PHYS 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)	PHYS 20 & General Physics (3) Lecture Part I
			PHYS 20L & General Physics Lab (1) Part I
			PHYS 21 & General Physics (3) Lecture Part II
			PHYS 21L General Physics Lab (1) Part II
OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYS 40 Classical Mechanics for (5) Scientists and Engineers
PHYSICS 9B	Classical Physics	(5)	PHYS 41 Waves, Optics and (4) Thermodynamics for Scientists & Engineers
PHYSICS 9C	Classical Physics	(5)	PHYS 42 Electricity and (4) Magnetism for Scientists and Engineers
PSYCH 1	General Psychology	(4)	PSYCH 1A General Psychology (3)
PSYCH 41	Research Methods	(4)	PSYCH 1B Introduction to (3) Psychological Research Methods
STATIST 13	Elementary Statistics	(4)	MATH 15 Elementary Statistics (4)
	Same as: STATIST 13Y		

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)	NO COMPARABLE COURSE	
	OR			OR
LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study (3)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1A	Introduction to Public Speaking (3)
	OR			OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	Interpersonal Communication (3)
	OR			OR
COMUNCN 5	Global English Comm	(4)	NO COURSE	ARTICULATED:College has not submitted course(s)for articulation
	Same as: LINGUIS 5			
	OR			OR
LINGUIS 5	Global English Comm	(4)	NO COURSE	ARTICULATED:College has not submitted course(s)for articulation
	Same as: COMUNCN 5			

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 5 Computer Literacy (3)

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

PHILOS 12 Intro to Symbol Logic (4) | **OR** PHIL 4 Introduction to Symbolic Logic (3)

PSYCH 1 General Psychology (4) | PSYCH 1A General Psychology (3)

SOCIOL 1 Intro Sociology (5) | SOC 1 Introduction to Sociology (3)

SOCIOL 46B Intro Social Rsch (5) | **OR** NO COMPARABLE COURSE
OR STATIST 13 Elementary Statistics (4) | **OR** MATH 15 Elementary Statistics (4)
Same as: STATIST 13Y

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)	SPCH 1A	Introduction to Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 4	Maj Books:Cont Wrld	(4)	ENGL 9	Contemporary World Literature	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		

As of F17, Course Number = UWRITING 48

UWRITING 19	Wrtg Research Papers	(4)	ENGL 5	Advanced Composition and	(3)
				Critical Thinking	

As of F17, Course Number = UWRITING 49

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	HIST 21	Race, Ethnicity and	(3)
				Gender in American	
				Culture	

PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer	(3)
				Applications	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CS 5	Computer Literacy	(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 2	Principles of	(3)
				Microeconomics	
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of	(3)
				Macroeconomics	

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5					

	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

	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 COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
COMPLIT 4	Maj Books:Cont Wrld	(4)	ENGL 9 Contemporary World Literature (3)

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 COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 4	Maj Books:Cont Wrld	(4)	ENGL 9 Contemporary World Literature (3)
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
Same as:	GERMAN 11		submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	ENGL 11 Introduction to (3)
			Dramatic Literature
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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
a) PHYSICS 9D	Modern Physics	(4)		PHYS 43	Modern Physics for	(3)

Scientists and
Engineers

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)
a) ENG CS 20	C Sci/Discrete Math	(4)	MATH 4	Discrete Mathematics	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 17.11	Java Programming	(3)
a) ENG CS 60	Data Structures & Programming	(4)	CS 11	Data Structures and Algorithms	(4)
			NO COMPARABLE COURSE		
a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	<u>OR</u>		<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)
	<u>OR</u>		<u>OR</u>		
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	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 1A | Calculus, First Course | (5) |
| a) MATH 21B | Calculus | (4) | | MATH 1B | Calculus, Second Course | (5) |

a) MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
a) PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)

a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)

a) ENG CS 20	C Sci/Discrete Math	(4)	MATH 4	Discrete Mathematics	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 17.11	Java Programming	(3)
			CS 11	Data Structures and Algorithms	(4)
a) ENG CS 50	Machine Dependent Prog	(4)	CS 12	Assembly Language Programming	(4)
a) ENG CS 60	Data Structures & Programming	(4)	NO COMPARABLE COURSE		

a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	<u>OR</u>		<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public	(3)
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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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
OR			OR		
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		
<hr/>					
ENG CS 20	C Sci/Discrete Math	(4)	MATH 4	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)	CS 12	Assembly Language Programming	(4)

ENG CS 60 Data Structures & Programming (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	<u>OR</u>			<u>OR</u>	

Group Two:

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
	<u>OR</u>			<u>OR</u>	

Group Three:

CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<u>OR</u>		<u>OR</u>

Group Four:

PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)

PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and	(4)
					Magnetism for	
					Scientists and	
					Engineers	
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(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		
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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.

DESIGN 1	Intro to Design	(4)		NO COMPARABLE COURSE		
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f) DESIGN 14	Design Drawing	(4)	ART 7A & ART 7B 2	Drawing & Composition 1 Drawing and Composition	(3) (3)
	OR			OR	
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE		

g) DESIGN 15	Form & Color	(4)	ART 3	Introduction to Art & Design	(3)
	AND			AND	
DESIGN 16	Graphics & The Computer	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	

DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE		
	OR			OR	
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE		
	OR			OR	
DESIGN 40C	Design Aesthetics/Exper	(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)	MEDIA 20	Introduction to Digital Filmmaking	(4)
DESIGN 37	Coding for Designers	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE		
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE		
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		

UWRITING 11	Pop Sci & Technol Wrtnng	(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)	ENGL 5	Advanced Composition and Critical Thinking	(3)
As of F17, Course Number = UWRITING 49					

- END OF MAJOR**
- f) The Department of Design at UC Davis will accept Santa Rosa Junior College's ART 7A and 7B in lieu of DESIGN 14. The Art Department at UC Davis will accept Santa Rosa Junior College's ART 7A in lieu of ART 2 or ART 7B in lieu of Art 2.
- g) The Department of Design at UC Davis will accept Santa Rosa Junior College's ART 3 in lieu of DESIGN 15. The Art Department at UC Davis will accept Santa Rosa Junior College's ART 3 in lieu of ART 10.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move 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 COURSE ARTICULATED: College has not submitted course(s) for articulation

JPNESE 25	Language & Culture (in English)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
y) JPNESE 1	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	

CHEM 2B	Genl Chemistry	(5)	CHEM 4A	General Chemistry with	(5)	
				Quantitative Analysis		
			CHEM 1A	&	General Chemistry	(5)
			CHEM 1B		General Chemistry	(5)
				<u>OR</u>		
	CHEM 4A	&	General Chemistry with	(5)		
			Quantitative Analysis			
	CHEM 4B		General Chemistry with	(5)		
			Quantitative Analysis			

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHYSICS 7A	General Physics	(4)	PHYS 20	&	General Physics (3)
					Lecture Part I
			PHYS 20L	&	General Physics Lab (1)
					Part I
			PHYS 21	&	General Physics (3)
					Lecture Part II
			PHYS 21L		General Physics Lab (1)
					Part II
PHYSICS 7B	General Physics	(4)	PHYS 20	&	General Physics (3)
					Lecture Part I
			PHYS 20L	&	General Physics Lab (1)
					Part I
			PHYS 21	&	General Physics (3)
					Lecture Part II
			PHYS 21L		General Physics Lab (1)
					Part II
PHYSICS 7C	General Physics	(4)	PHYS 20	&	General Physics (3)
					Lecture Part I
			PHYS 20L	&	General Physics Lab (1)
					Part I
			PHYS 21	&	General Physics (3)
					Lecture Part II
			PHYS 21L		General Physics Lab (1)
					Part II

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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	<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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to	(3)
				Economics and the	
				Environment	

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2	Principles of	(3)
					Microeconomics	
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of	(3)
					Macroeconomics	
STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y						
	OR				OR	

STATIST 32 Stat Anlys Thru Comp (4) | NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

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

MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to 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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)
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a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
a) PHYSICS 9D	Modern Physics	(4)		PHYS 43	Modern Physics for Scientists and Engineers	(3)
<hr/>						
a) CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				OR		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
<hr/>						
a) ENGIN 17	Circuits I	(4)		ENGR 16	Electric Circuits & Devices	(4)
<hr/>						
a) ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming	(4)
				OR		

REQUIRED FOR GRADUATION:

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
a) UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	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)		ENGL 1B	Literature and Composition	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	College Composition	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 46.1	Survey of English Literature Part 1	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)		ENGL 30.1	American Literature: Pre-Colonial Period to the Civil War	(3)
				OR		
				ENGL 46.2	Survey of English Literature Part 2	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)		ENGL 30.2	American Literature from 1865 to the Present	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 43	Intro Topics in Drama	(4)		NO COMPARABLE COURSE		
ENGLISH 44	Intro Topics in Fiction	(4)		ENGL 2	Introduction to the Novel	(3)
ENGLISH 45	Intro Topics in Poetry	(4)		ENGL 3	Introduction to Poetry	(3)

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5) Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5) Chemistry
<hr/>				
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
	OR		OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course (4)
<hr/>				
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
<hr/>				
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y			
	OR		OR	

STATIST 32 Stat Anlys Thru Comp (4) | NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science

OR		OR
PL SCI 21 Computers in Technology (3)		AGBUS 2 Agricultural Computer (3) Applications

====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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)

ENGIN 35	Statics	(4)	ENGR 34	Engineering Mechanics: Statics	(3)

ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
	OR		OR		
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(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)	ENGL 1B	Literature and Composition	(3)
	OR		OR		
UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
	OR			OR
c) GEOLOGY 50 q)	Physical Geology	(3)	GEOL 1 The Earth	(3)

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, 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](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:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENVHORT 6	Intro Environ Plants	(4)		HORT 8 Plant Materials: (3) Summer/Fall	
				<u>OR</u>	
				HORT 12 Plant Materials: (3) Winter/Spring	
<hr/>					
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIO 2.1 Fundamentals of Biology (5) (Cell and Molecular)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2 <u>&</u> Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)	
				BIO 2.3 Fundamentals of Biology (5) (Botany and Ecology)	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 1A General Chemistry (5)	
				<u>OR</u>	
				CHEM 4A General Chemistry with (5) Quantitative Analysis	
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <u>&</u> General Chemistry (5)	
				CHEM 1B General Chemistry (5)	
				<u>OR</u>	
				CHEM 4A <u>&</u> General Chemistry with (5) Quantitative Analysis	

			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to Economics and the Environment	(3)
	OR			OR	
ENV S&P 10	Current Issues in Environment	(3)	BIO 12	Basic Concepts of Ecology	(3)
			OR		
			SOCS 12	Environmental Policies and Politics	(3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1					
	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
Same as: ENV SC&M 30					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer Applications	(3)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

====Environmental Policy Analysis & Planning B.S.====

Special Advising 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.

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPCH 1A	Introduction to Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 6	Interpersonal	(3)

					Communication
	OR				OR
DRAMART 10	Intro To Acting	(4)	THAR 10A	Introduction to Acting	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
	OR				OR
BIOLSCI 10	Everyday Biology	(4)	BIO 10	Introduction to Principles of Biology	(4)
			OR		
			BIO 12	Basic Concepts of Ecology	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
	OR				OR
CHEM 10	Concept of Chem	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

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

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
	OR				OR
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	OR				OR
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer Applications	(3)
	OR				OR
SCI&SOC 18	GIS & Society	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
q) GEOLOGY 1	The Earth	(4)	GEOL 1	The Earth	(3)
PL SCI 12	Plants and Society	(4)	AGRI 20	Introduction to Plant Science	(3)
	Same as: SCI&SOC 12				
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)	BIO 12	Basic Concepts of Ecology	(3)

ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to Economics and the Environment	(3)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to United States Government	(3)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				
CLIMATE CHANGE POLICY AREA:					
SCI&SOC 25	Global Climate Change	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

====Environmental Science and Management B.S.====

Special Advising Note:

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

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COMUNCN 1	Intro Public Spkg	(4)		SPCH 1A	Introduction to Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 6	Interpersonal Communication	(3)
	OR				OR	
DRAMART 10	Intro To Acting	(4)		THAR 10A	Introduction to Acting	(3)
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BIOLSCI 2A	Intro Biology:Life on	(5)		BIO 2.1	Fundamentals of Biology	(5)

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIO 2.2	&	(Cell and Molecular) Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3		Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2	&	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3		Fundamentals of Biology (5) (Botany and Ecology)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A		General Chemistry (5)
			<u>OR</u>		
			CHEM 4A		General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	&	General Chemistry (5)
			CHEM 1B		General Chemistry (5)
			<u>OR</u>		
			CHEM 4A	&	General Chemistry with (5) Quantitative Analysis
			CHEM 4B		General Chemistry with (5) Quantitative Analysis
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
q) GEOLOGY 1	The Earth	(4)	GEOL 1		The Earth (3)
	<u>OR</u>				<u>OR</u>
c) GEOLOGY 50	Physical Geology	(3)	GEOL 1		The Earth (3)
q)					
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>				<u>OR</u>
PHYSICS 7A	General Physics	(4)	PHYS 20	&	General Physics (3) Lecture Part I
			PHYS 20L	&	General Physics Lab (1) Part I
			PHYS 21	&	General Physics (3) Lecture Part II
			PHYS 21L		General Physics Lab (1) Part II
PHYSICS 7B	General Physics	(4)	PHYS 20	&	General Physics (3) Lecture Part I
			PHYS 20L	&	General Physics Lab (1) Part I
			PHYS 21	&	General Physics (3) Lecture Part II
			PHYS 21L		General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)	PHYS 20	&	General Physics (3) Lecture Part I
			PHYS 20L	&	General Physics Lab (1) Part I
			PHYS 21	&	General Physics (3) Lecture Part II
			PHYS 21L		General Physics Lab (1) Part II

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 2	Principles of Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to Economics and the Environment	(3)

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	OR			OR	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				

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 COMPARABLE COURSE		

END OF MAJOR

- q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
	<u>OR</u>		<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
	<u>AND</u>		<u>AND</u>	
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)
	OR		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 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not	

MATH 17B	Calculus for Biosci	(4)		submitted course(s) for articulation
				NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)		MATH 1A Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B Calculus, Second Course (5)

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 1C Calculus, Third Course (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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with (5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	Quantitative Analysis General Chemistry	(5)
			OR		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
			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		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(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)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

B) ENG CS 15	Intro to Computers	(4)	CS 5	Computer Literacy	(3)
	<u>OR</u>			<u>OR</u>	
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
			CS 17.11	Java Programming	(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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
PHYSICS 7A	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)

				PHYS 20L	&	General Physics Lab	(1)
						Part I	
				PHYS 21	&	General Physics	(3)
						Lecture Part II	
				PHYS 21L		General Physics Lab	(1)
						Part II	
PHYSICS 7C	General Physics	(4)		PHYS 20	&	General Physics	(3)
						Lecture Part I	
				PHYS 20L	&	General Physics Lab	(1)
						Part I	
				PHYS 21	&	General Physics	(3)
						Lecture Part II	
				PHYS 21L		General Physics Lab	(1)
						Part II	

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 40	Classical Mechanics for	(5)	
					Scientists and		
					Engineers		
PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and	(4)	
					Thermodynamics for		
					Scientists & Engineers		
PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and	(4)	
					Magnetism for		
					Scientists and		
					Engineers		

STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y					

TEX&CL 6	Intro Textiles	(4)		FASH 8	Introductory Textiles	(3)
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TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE		
	OR			OR		

ENGIN 45	Prop of Mats	(4)		ENGR 45	Properties of 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
				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
				CHEM 12B	Organic Chemistry	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)		ECON 2	Principles of	(3)
					Microeconomics	
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of	(3)
					Macroeconomics	

MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear	(3)
					Algebra	
MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course	(3)

PL SCI 21	Computers in Technology (3)		AGBUS 2	Agricultural Computer (3)
				Applications

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)		SPCH 1A	Introduction to Public Speaking	(3)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
<hr/>						
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				OR		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
				OR		
				CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
				OR		
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
	AND			AND		
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
	OR			OR		

CHEM 118A	Org Chem, Hlth & Sci AND	(4)	CHEM 12A	Organic Chemistry AND	(5)
CHEM 118B	Org Chem, Hlth & Sci OR	(4)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry OR	(5) (5)
CHEM 128A	Organic Chemistry AND	(3)	CHEM 12A	Organic Chemistry AND	(5)
CHEM 128B	Organic Chemistry AND	(3)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry AND	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 & PHYS 20L & PHYS 21 & PHYS 21L	General Physics Lecture Part I General Physics Lab Part I General Physics Lecture Part II General Physics Lab Part II	(3) (1) (3) (1)
PHYSICS 7B	General Physics	(4)	PHYS 20 & PHYS 20L & PHYS 21 & PHYS 21L	General Physics Lecture Part I General Physics Lab Part I General Physics Lecture Part II General Physics Lab Part II	(3) (1) (3) (1)
PHYSICS 7C	General Physics	(4)	PHYS 20 & PHYS 20L & PHYS 21 & PHYS 21L	General Physics Lecture Part I General Physics Lab Part I General Physics Lecture Part II General Physics Lab Part II	(3) (1) (3) (1)

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

FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE		
NUTR 10	Discoveries and Concepts	(3)	FDNT 10	Elementary Nutrition	(3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 - Part (4) 1
FRENCH 2	Elementary French	(5)	FREN 1 &	Elementary French - Part (4) 1
			FREN 2	Elementary French - Part (4) 2
FRENCH 3	Elementary French	(5)	FREN 2	Elementary French - Part (4) 2
FRENCH 21	Intermed French	(5)	FREN 3	Intermediate French - (4) Part 1
FRENCH 22	Intermed French	(5)	FREN 3 &	Intermediate French - (4) Part 1
			FREN 4	Intermediate French Part (4) 2
FRENCH 23	Intermed French	(5)	FREN 4	Intermediate French Part (4)

LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study	(3)
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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:

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

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

WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	PSYCH 3 Human Sexuality (3)

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	HIST 30 African-American History (3)
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)	ANTHRO 2 Cultural Anthropology (3)
As of W17, units=5			
ANTHRO 20	Comparative Cultures	(4)	ANTHRO 30 Anthropology of Globalization (3)
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	HIST 26 History of Chicanos and Latinos from 1848 to Present (3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	ENGL 33 ChicanoChicana Arts & Literature (3)
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)	ENGL 1B Literature and Composition (3)
i) HISTORY 72A	Am Women & Gender	(4)	HIST 18.1 History of Women in the United States to 1877 (3)
i) HISTORY 72B	Am Women & Gender	(4)	HIST 18.2 History of Women in the United States Since 1877 (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 1A General 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)	SOC 3 Self and Society (3)
SOCIOL 3	Social Problems	(4)	SOC 2 Modern Social Problems (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 COMPARABLE COURSE	
UWRITING 19	Wrtg Research Papers	(4)		ENGL 5	Advanced Composition and (3)
					Critical Thinking
As of F17, Course Number = UWRITING 49					
WOM STD 20	Cult Repr of Gndr	(4)		COUN 20	Sex and Gender (3)

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

====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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
	<u>OR</u>			<u>OR</u>
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not

CHEM 2BH	Honors Genl Chemistry	(5)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
CHEM 2CH	Honors Genl Chemistry	(5)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
	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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)

PHYSICS 7A	General Physics	(4)		PHYS 20 &	General Physics Lecture Part I	(3)
				PHYS 20L &	General Physics Lab Part I	(1)
				PHYS 21 &	General Physics Lecture Part II	(3)
				PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)		PHYS 20 &	General Physics Lecture Part I	(3)
				PHYS 20L &	General Physics Lab Part I	(1)
				PHYS 21 &	General Physics Lecture Part II	(3)
				PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)		PHYS 20 &	General Physics Lecture Part I	(3)
				PHYS 20L &	General Physics Lab Part I	(1)
				PHYS 21 &	General Physics Lecture Part II	(3)
				PHYS 21L	General Physics Lab Part II	(1)

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

				RECOMMENDED:		
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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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GEOLOGY 3	History of Life	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 3L	History of Life Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 1 The Earth	(3)
q)				
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1L Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 1A Calculus, First Course	(5)

MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				

RECOMMENDED COURSES:

PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

END OF MAJOR

c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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GEOLOGY 3	History of Life	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GEOLOGY 3L	History of Life Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
c) GEOLOGY 50	Physical Geology	(3)	GEOL 1 The Earth (3)
q)			
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1L Geology Laboratory (1)
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 1A Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B Calculus, Second Course (5)
MATH 21C	Calculus	(4)	MATH 1C Calculus, Third Course (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(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 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	<u>&</u> General Physics Lecture Part I	(3)
			PHYS 20L	<u>&</u> General Physics Lab Part I	(1)
			PHYS 21	<u>&</u> General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

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

RECOMMENDED COURSES:

MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(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 1C	Calculus, Third Course	(4)
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)

RECOMMENDED COURSES:

MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

RECOMMENDED COURSES:

MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)
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)
			<u>OR</u>		

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

GERMAN 1	Elementary German	(5)	GERM 1	Elementary German - Part 1	(4)
GERMAN 2	Elementary German	(5)	GERM 2	Elementary German - Part 2	(4)
GERMAN 3	Elementary German	(5)	GERM 3	Intermediate German - Part 1	(4)
GERMAN 20	Intermediate German	(4)	GERM 4	Intermediate German - Part 2	(4)
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:

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.

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)		BIO 2.1 Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2 & Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
				BIO 2.3 Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIO 2.2 & Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
				BIO 2.3 Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A General Chemistry (5)
				OR
				CHEM 4A General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A & General Chemistry (5)
				CHEM 1B General Chemistry (5)
				OR
				CHEM 4A & General Chemistry with Quantitative Analysis (5)
				CHEM 4B General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B General Chemistry (5)

			<u>OR</u>			
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
	<u>OR</u>			<u>OR</u>		
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 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 20 &	General Physics Lecture Part I	(3)
				PHYS 20L &	General Physics Lab Part I	(1)
				PHYS 21 &	General Physics Lecture Part II	(3)
				PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)		PHYS 20 &	General Physics Lecture Part I	(3)
				PHYS 20L &	General Physics Lab Part I	(1)
				PHYS 21 &	General Physics Lecture Part II	(3)
				PHYS 21L	General Physics Lab Part II	(1)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y					

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also 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 5	History of the Modern 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 5	History of the Modern 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)		HIST 4.1	History of Western	(3)

HISTORY 4B	Western Civ	(4)	HIST 4.1 &	Civilization to 1648 C.E. History of Western Civilization to 1648 C.E.	(3)
			HIST 4.2	History of Western Civilization from 1648 C.E.	(3)
HISTORY 4C	Western Civ	(4)	HIST 4.2	History of Western Civilization from 1648 C.E.	(3)

D. LATIN AMERICAN HISTORY

HISTORY 7A	Latin America to 1700	(4)	NO COMPARABLE COURSE		
HISTORY 7B	Latin America 1700-1900	(4)	NO COMPARABLE COURSE		
HISTORY 7C	Latin America 1900-Present	(4)	HIST 8.2	History of Latin America from 1830 to Present	(3)

E. U.S. HISTORY

i) HISTORY 17A	U.S. History	(4)	HIST 17.1	History of the United States to 1877	(3)
i) HISTORY 17B	U.S. History	(4)	HIST 17.2	U.S. History from 1877	(3)
i) HISTORY 72A	Am Women & Gender	(4)	HIST 18.1	History of Women in the United States to 1877	(3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED		
i) HISTORY 72B	Am Women & Gender	(4)	HIST 18.2	History of Women in the United States Since 1877	(3)

F. WORLD HISTORY

HISTORY 10A	World History to 1350	(4)	HIST 1.1	World History to 1500	(3)
HISTORY 10B	World History 1350-1850	(4)	HIST 1.2	World History since 1500 C.E.	(3)
HISTORY 10C	World History III	(4)	HIST 1.2	World History since 1500 C.E.	(3)

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 15	Human Life Cycle	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
OR			OR		
BIOLSCI 10	Everyday Biology	(4)	BIO 10	Introduction to Principles of Biology	(4)
OR			OR		
MIC BIO 10	Natural History of Infectious Diseases	(3)	BIO 12	Basic Concepts of Ecology	(3)
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 COURSE ARTICULATED: College has not submitted course(s)for articulation		
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Select one course from:

i) HISTORY 17A	U.S. History	(4)	HIST 17.1	History of the United States to 1877	(3)
OR			OR		
i) HISTORY 17B	U.S. History	(4)	HIST 17.2	U.S. History from 1877	(3)
OR			OR		
i) HISTORY 72A	Am Women & Gender	(4)	HIST 18.1	History of Women in the United States to 1877	(3)
OR			OR		
i) HISTORY 72B	Am Women & Gender	(4)	HIST 18.2	History of Women in the United States Since 1877	(3)
OR			OR		
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to United States Government	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 3	Critical Thinking	(3)
OR			OR		
			PHIL 5	Critical Thinking/Writing	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		

PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE

NE PH B 10	Elem Human Physio	(3)	PHYSIO 1 Human Physiology (5)

PSYCH 1	General Psychology	(4)	PSYCH 1A General Psychology (3)

Select one of the following options:			
PSYCH 41	Research Methods	(4)	PSYCH 1B Introduction to Psychological Research Methods (3)
OR		OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
AND		AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
OR		OR	
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE
OR		OR	
STATIST 13	Elementary Statistics	(4)	MATH 15 Elementary Statistics (4)
Same as: STATIST 13Y			

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with (5)

					Quantitative Analysis	
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for	(5)
					Scientists and	
					Engineers	
PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and	(4)
					Thermodynamics for	
					Scientists & Engineers	
PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and	(4)
					Magnetism for	
					Scientists and	
					Engineers	

MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear	(3)
					Algebra	
MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course	(3)
					- Differential Equations	

c) GEOLOGY 50	Physical Geology	(3)		GEOL 1	The Earth	(3)
q)						
GEOLOGY 50L	Physical Geol Lab	(2)		GEOL 1L	Geology Laboratory	(1)

ENGIN 6	Engr Prob Solving	(4)		ENGR 6	Programming in MATLAB	(3)
					for Engineers	

END OF MAJOR

- c) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- q) **If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**

====International Agricultural Development B.S.====

Special Advising Note:

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

Development				
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics (3)
	AND			AND
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y			
	OR			OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)	ANSCI 20	Basic Animal Science (3)
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)	FDNT 10	Elementary 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)

CHEM 4B General Chemistry with (5)
Quantitative Analysis

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5					
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to Economics and the Environment	(3)

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	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)	ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5					
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
-----			-----		
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)
-----			-----		
HISTORY 4C	Western Civ	(4)	HIST 4.2	History of Western Civilization from 1648 C.E.	(3)
OR			OR		
HISTORY 10C	World History III	(4)	HIST 1.2	World History since 1500 C.E.	(3)
-----			-----		
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Introduction to Comparative Government	(3)
-----			-----		
POL SCI 3	Internatl Relations	(4)	POLS 25	International Relations	(3)
-----			-----		
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not		
Same as: COMUNCN 12Y, PSYCH 12Y			submitted course(s) for articulation		
SOCIOL 12Y					
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					
OR			OR		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
-----			-----		
POL SCI 51	Scientific Study of Politics	(4)	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)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not		

ARABIC 3	Elem Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(5)	submitted course(s) for articulation 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
x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
OR			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 - Part (4) 1
FRENCH 2	Elementary French	(5)	FREN 1 & Elementary French - Part (4) 1 FREN 2 Elementary French - Part (4) 2
FRENCH 3	Elementary French	(5)	FREN 2 Elementary French - Part (4) 2
FRENCH 21	Intermed French	(5)	FREN 3 Intermediate French - (4) Part 1
FRENCH 22	Intermed French	(5)	FREN 3 & Intermediate French - (4) Part 1 FREN 4 Intermediate French Part (4) 2
OR			OR
GERMAN 1	Elementary German	(5)	GERM 1 Elementary German - Part (4) 1
GERMAN 2	Elementary German	(5)	GERM 2 Elementary German - Part (4) 2
GERMAN 3	Elementary German	(5)	GERM 3 Intermediate German - (4) Part 1
GERMAN 20	Intermediate German	(4)	GERM 4 Intermediate German - (4) Part 2
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 - Part 1	(4)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 <u>&</u>	Elementary Italian - Part 1	(4)
			ITAL 2	Elementary Italian - Part 2	(4)
ITALIAN 3	Elementary Italian	(5)	ITAL 2	Elementary Italian - Part 2	(4)
ITALIAN 4	Interm Italian	(4)	ITAL 3	Intermediate Italian - Part 1	(4)
ITALIAN 5	Interm Italian	(4)	ITAL 3 <u>&</u>	Intermediate Italian - Part 1	(4)
			ITAL 4	Intermediate Italian - Part 2	(4)
OR				OR	
ITALIAN 1	Elementary Italian	(5)	ITAL 1	Elementary Italian - Part 1	(4)
ITALIAN 2	Elementary Italian	(5)	ITAL 1 <u>&</u>	Elementary Italian - Part 1	(4)
			ITAL 2	Elementary Italian - Part 2	(4)
ITALIAN 3	Elementary Italian	(5)	ITAL 2	Elementary Italian - Part 2	(4)
ITALIAN 8A	Italian Convers	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ITALIAN 8B	Italian Convers	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
OR				OR	
y) JPNESE 1	Elem Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
y) JPNESE 2	Elem Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
y) JPNESE 3	Elem Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
y) JPNESE 4	Inter Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
y) JPNESE 5	Inter Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
y) JPNESE 6	Inter Japanese	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	
RUSSIAN 3	Elementary Russian	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
RUSSIAN 4	Intermed Russian	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
RUSSIAN 5	Intermed Russian	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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 - Part 1	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish - Part 1	(4)
			SPAN 2	Elementary Spanish - Part 2	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish - Part 2	(4)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish - Part One	(4)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish - Part 2	(4)
OR			OR		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

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

END OF MAJOR

x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of**

coursework may result.

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 -	(4)
					Part 1	
ITALIAN 2	Elementary Italian	(5)		ITAL 1 &	Elementary Italian -	(4)
					Part 1	
				ITAL 2	Elementary Italian -	(4)
					Part 2	
ITALIAN 3	Elementary Italian	(5)		ITAL 2	Elementary Italian -	(4)

ITALIAN 4	Interm Italian	(4)	ITAL 3	Part 2 Intermediate Italian - Part 1	(4)
ITALIAN 5	Interm Italian	(4)	ITAL 3 &	Intermediate Italian - Part 1	(4)
			ITAL 4	Intermediate Italian - Part 2	(4)
ITALIAN 9	Reading Italian	(4)	ITAL 4	Intermediate Italian - Part 2	(4)

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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 3	Elem Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 4	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 5	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 6	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 25	Language & Culture (in English)	(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
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: JPNESE 50			
LINGUIS 1	Intro Linguistics	(4)	ENGL 25 Introduction to Language Study (3)
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)		SPCH 1A	Introduction to Public Speaking	(3)
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ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Literature and Composition	(3)
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OR

UWRITING 1	Expository Writing	(4)		ENGL 1A	College Composition	(4)
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OR

UWRITING 18	Style in the Essay	(4)		NO COMPARABLE COURSE		
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As of F17, Course Number = UWRITING 48

OR

UWRITING 19	Wrtg Research Papers	(4)		ENGL 5	Advanced Composition and Critical Thinking	(3)
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As of F17, Course Number = UWRITING 49

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
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				BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
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ENVHORT 6	Intro Environ Plants	(4)		HORT 8	Plant Materials: Summer/Fall	(3)
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OR

				HORT 12	Plant Materials: Winter/Spring	(3)
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ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)		MATH 1A	Calculus, First Course	(5)
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STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics	(4)
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Same as: STATIST 13Y

ENG CS 10	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 10	Concept of Chem	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
q) GEOLOGY 1	The Earth	(4)	GEOL 1	The Earth	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

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

q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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)	ENGL 25	Introduction to	(3)
				Language Study	

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)		SPCH 1A	Introduction to Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 6	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)		BAD 18	The Legal Environment of	(3)

				Business	
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer Applications	(3)
OR			OR		
ENG CS 10	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
B) ENG CS 15	Intro to Computers	(4)	CS 5	Computer Literacy	(3)
OR			OR		
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(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)	BAD 1	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BAD 2	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

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)	BIOLSCI 2A	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIOLSCI 2C	Fundamentals of Biology (5) (Botany and Ecology)
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
<hr/>				
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
			<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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)

PHYSICS 7A	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

		OR			OR
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
<hr/>				
	AND		AND	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory 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

MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

OR

PHYSICS 7A	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

OR

PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

OR

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)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)

			<u>OR</u>			
				CHEM 4B	General Chemistry with	(5)
					Quantitative Analysis	

MATH 16A	Short Calculus	(3)		MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
	<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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)

PHYSICS 7A	General Physics	(4)		PHYS 20	<u>&</u> General Physics	(3)
					Lecture Part I	
				PHYS 20L	<u>&</u> General Physics Lab	(1)
					Part I	
				PHYS 21	<u>&</u> General Physics	(3)
					Lecture Part II	
				PHYS 21L	General Physics Lab	(1)
					Part II	
PHYSICS 7B	General Physics	(4)		PHYS 20	<u>&</u> General Physics	(3)
					Lecture Part I	
				PHYS 20L	<u>&</u> General Physics Lab	(1)
					Part I	
				PHYS 21	<u>&</u> General Physics	(3)
					Lecture Part II	
				PHYS 21L	General Physics Lab	(1)
					Part II	
PHYSICS 7C	General Physics	(4)		PHYS 20	<u>&</u> General Physics	(3)
					Lecture Part I	
				PHYS 20L	<u>&</u> General Physics Lab	(1)
					Part I	
				PHYS 21	<u>&</u> General Physics	(3)
					Lecture Part II	
				PHYS 21L	General Physics Lab	(1)
					Part II	

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 40	Classical Mechanics for	(5)
					Scientists and	
					Engineers	
PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and	(4)
					Thermodynamics for	
					Scientists & Engineers	
PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and	(4)
					Magnetism for	
					Scientists and	
					Engineers	

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GEOLOGY 16	The Oceans	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

**====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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
	<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 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course (4)
PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I (3)
			PHYS 20L &	General Physics Lab Part I (1)
			PHYS 21 &	General Physics Lecture Part II (3)
			PHYS 21L	General Physics Lab Part II (1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I (3)
			PHYS 20L &	General Physics Lab Part I (1)
			PHYS 21 &	General Physics (3)

				PHYS 21L	Lecture Part II General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)		PHYS 20 &	General Physics (3)
				PHYS 20L &	Lecture Part I General Physics Lab (1) Part I
				PHYS 21 &	General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II

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 40	Classical Mechanics for (5) Scientists and Engineers
PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and (4) Thermodynamics for Scientists & Engineers
PHYSICS 9C	Classical Physics	(5)		PHYS 42	Electricity and (4) Magnetism for Scientists and Engineers

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

====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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course - Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 41	Waves, Optics and	(4)

					Thermodynamics for Scientists & Engineers	
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)	
a) PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)	

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)	
			<u>OR</u>			
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)	
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)	
			CHEM 1B	General Chemistry	(5)	
			<u>OR</u>			
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)	
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)	
a) CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)	
			<u>OR</u>			
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)	

a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)	
a) ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of Materials	(4)	

ENG CHM 60	Engineering Problem Solv	(4)				
	<u>OR</u>			<u>OR</u>		
a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)	
			<u>OR</u>			
			CS 17.11	Java Programming	(3)	
			<u>OR</u>			
a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(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	(4)	ENGL 1A	College Composition	(4)	
	<u>OR</u>			<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)	
	<u>OR</u>			<u>OR</u>		

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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(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 1C	Calculus, Third Course	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)
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		
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	Introduction to 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 COMPARABLE COURSE		
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)
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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course	(3)
				- Differential Equations	
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	

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	Introduction to 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 COMPARABLE COURSE		

ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)

As of F18, Course Number = ENG CS 36A

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)

STATIST 32 Stat Anlys Thru Comp (4) | NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science

END OF MAJOR

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

Special Advising Note:

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

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

*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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course	(3)
				- Differential Equations	
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	Introduction to 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 COMPARABLE COURSE	

ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming (4)
				<u>OR</u>	
				CS 17.11	Java Programming (3)
As of F18, Course Number = ENG CS 36A					
ENGIN 6	Engr Prob Solving	(4)		ENGR 6	Programming in MATLAB for Engineers (3)

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

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)

Or high school equivalent

MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course	(3)
					- Differential Equations	
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	Introduction to 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 COMPARABLE COURSE	

ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming (4)
				<u>OR</u>	
				CS 17.11	Java Programming (3)
As of F18, Course Number = ENG CS 36A					
				<u>OR</u>	
ENGIN 6	Engr Prob Solving	(4)		ENGR 6	Programming in MATLAB for Engineers (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.

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers (5)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Classical Mechanics for Scientists and Engineers (5)
				<u>OR</u>	
PHYSICS 7A	General Physics	(4)		PHYS 20 &	General Physics Lecture Part I (3)
				PHYS 20L &	General Physics Lab Part I (1)
				PHYS 21 &	General Physics Lecture Part II (3)
				PHYS 21L	General Physics Lab Part II (1)
				<u>OR</u>	
STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y				
				<u>OR</u>	
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 1A	Calculus, First Course	(5)
a) MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
a) MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
a) MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 2	Calculus, Fourth Course	(3)

- Differential Equations

a) CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	& General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

a) PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)

a) ENGIN 4	Graphics in Design	(3)	ENGR 25	Engineering Graphics and Design	(3)
a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)
a) ENGIN 35	Statics	(4)	ENGR 34	Engineering Mechanics: Statics	(3)

a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
	<u>OR</u>			<u>OR</u>	
a) ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
			CS 17.11	Java Programming	(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)	ENGL 1A	College Composition	(4)
	<u>OR</u>			<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(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)	SPCH 1A	Introduction to Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	Interpersonal Communication	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of 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)		ART 2.2	History and (3) Appreciation of Late Gothic to Impressionist Art
ARTHI 1C	Baroque to Modern Art	(4)		ART 2.3	History and (3) Appreciation of Modern Art
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 COURSE	ARTICULATED: College has not submitted course(s) for articulation
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)		ENGL 46.1	Survey of English (3) Literature Part 1
GERMAN 48	Myth & Saga	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4A	Western Civ	(4)		HIST 4.1	History of Western (3) Civilization to 1648 C.E.
HISTORY 4B	Western Civ	(4)		HIST 4.1 &	History of Western (3) Civilization to 1648 C.E.
				HIST 4.2	History of Western (3) Civilization from 1648 C.E.
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)		PHIL 20	History of Western (3) Philosophy: Ancient and Medieval
As of F17, title = Phil Classics: Ancient					
PHILOS 22	Hist Phil: Early Modern	(4)		PHIL 21	History of Western (3) Philosophy: Modern
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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
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		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I	(3)
			PHYS 20L &	General Physics Lab Part I	(1)
			PHYS 21 &	General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
			<u>OR</u>	
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 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)

PHYSICS 7A	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II
PHYSICS 7B	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II
PHYSICS 7C	General Physics	(4)		PHYS 20	& General Physics (3) Lecture Part I
				PHYS 20L	& General Physics Lab (1) Part I
				PHYS 21	& General Physics (3) Lecture Part II
				PHYS 21L	General Physics Lab (1) Part II

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 1C	Calculus, Third Course (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 5	History of the Modern 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		
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As of S17, units =4

ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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	(5)	NO COURSE ARTICULATED: College has not		

	Hebrew I		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)	MUSCP 11A	Class Piano 1	(2)
MUSIC 2B	Keyboard Competence	(2)	NO COMPARABLE COURSE		
MUSIC 2C	Keyboard Competence	(2)	NO COMPARABLE COURSE		

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3)	MUSC 2A	Music Theory 1	(3)
MUSIC 6B	Elementary Theory	(3)	MUSC 2A &	Music Theory 1	(3)
			MUSC 2B	Music Theory 2	(3)
MUSIC 6C	Elementary Theory	(3)	MUSC 2B	Music Theory 2	(3)
MUSIC 7A	Intermediate Theory	(3)	MUSC 2C	Music Theory 3	(3)
MUSIC 7B	Intermediate Theory	(3)	NO COMPARABLE COURSE		
MUSIC 7C	Intermediate Theory	(3)	NO COMPARABLE COURSE		

MUSIC 16A	Elem Musicianship	(2)	MUSC 3A	Musicianship 1	(2)
MUSIC 16B	Elem Musicianship	(2)	MUSC 3A &	Musicianship 1	(2)
			MUSC 3B	Musicianship 2	(2)
MUSIC 16C	Elem Musicianship	(2)	MUSC 3B	Musicianship 2	(2)

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

MUSIC 17A	Intermediate Musicianship	(2)	MUSC 3C	Musicianship 3	(2)
MUSIC 17B	Intermediate Musicianship	(2)	MUSC 3C &	Musicianship 3	(2)
			MUSC 3D	Musicianship 4	(2)
MUSIC 17C	Intermediate Musicianship	(2)	MUSC 3D	Musicianship 4	(2)

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

MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE		
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE		
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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)	ANTHRO 32	Native Cultures of North America	(3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
	OR		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)	ANTHRO 43 Native American Art and Culture (3)
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)	ANTHRO 2 Cultural Anthropology (3) As of W17, units=5
ANTHRO 20	Comparative Cultures	(4)	ANTHRO 30 Anthropology of Globalization (3)
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)	NO COMPARABLE COURSE
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 26 History of Chicanos and Latinos from 1848 to Present (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)	HIST 21 Race, Ethnicity and Gender in American Culture (3)
ENV S&P 10	Current Issues in Environment	(3)	BIO 12 Basic Concepts of Ecology (3) <u>OR</u> SOCS 12 Environmental Policies and Politics (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 COMPARABLE COURSE
HISTORY 7B	Latin America 1700-1900	(4)	NO COMPARABLE COURSE
HISTORY 7C	Latin America 1900-Present	(4)	HIST 8.2 History of Latin America from 1830 to Present (3)
i) HISTORY 17A	U.S. History	(4)	HIST 17.1 History of the United States to 1877 (3)
LINGUIS 1	Intro Linguistics	(4)	ENGL 25 Introduction to Language Study (3)

END OF MAJOR

i) UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
<hr/>				
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
	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)
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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	

MATH 17C	Calculus for BioSci	(4)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)

PHYSICS 7A	General Physics	(4)		PHYS 20	& General Physics (3)
					Lecture Part I
				PHYS 20L	& General Physics Lab (1)
					Part I
				PHYS 21	& General Physics (3)
					Lecture Part II
				PHYS 21L	General Physics Lab (1)
					Part II
PHYSICS 7B	General Physics	(4)		PHYS 20	& General Physics (3)
					Lecture Part I
				PHYS 20L	& General Physics Lab (1)
					Part I
				PHYS 21	& General Physics (3)
					Lecture Part II
				PHYS 21L	General Physics Lab (1)
					Part II
PHYSICS 7C	General Physics	(4)		PHYS 20	& General Physics (3)
					Lecture Part I
				PHYS 20L	& General Physics Lab (1)
					Part I
				PHYS 21	& General Physics (3)
					Lecture Part II
				PHYS 21L	General Physics Lab (1)
					Part II

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 1C	Calculus, Third Course (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](#). 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 (5)|BIO 2.1 Fundamentals of Biology (5)

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	(Cell and Molecular) Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
<hr/>				
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5) Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5) Chemistry
			<u>OR</u>	
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)
			<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 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry (5)
<hr/>				
NUTR 10	Discoveries and Concepts	(3)	FDNT 10	Elementary Nutrition (3)
<hr/>				
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to (3) Psychological Research Methods
			<u>OR</u>	
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	ANTHRO 2	Cultural Anthropology (3)
			<u>OR</u>		
PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology (3)
			<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)		SOC 1	Introduction to Sociology (3)
			<u>OR</u>		
SOCIOL 3	Social Problems	(4)		SOC 2	Modern Social Problems (3)

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)

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)	ANTHRO 2	Cultural Anthropology	(3)
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As of W17, units=5

	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)

	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 2	Modern Social Problems	(3)

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of	(3)
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				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of	(3)
				Macroeconomics	

PSYCH 1	General Psychology	(4)	PSYCH 1A	General 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 COMPARABLE COURSE
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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
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Same as: FD S&T 55

CM&RGDE 2	Ethnicity Amer Comm	(4)	HIST 21	Race, Ethnicity and Gender in American Culture	(3)
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INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE
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Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
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SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
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SCI&SOC 15	Aids & Society	(4)	NO COMPARABLE COURSE
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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)
			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	& General Chemistry	(5)
			<u>OR</u>		
			CHEM 4A	& General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)

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

	<u>OR</u>		<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for	(4)

Scientists and
Engineers

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
OR			OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
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)		PHIL 4	Introduction to Symbolic Logic	(3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

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

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil: Ancient	(4)		PHIL 20	History of Western Philosophy: Ancient and Medieval	(3)

As of F17, title = Phil Classics: Ancient

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Hist Phil: Early Modern	(4)		PHIL 21	History of Western	(3)
					Philosophy: Modern	
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)		PHIL 7	Contemporary Moral	(3)
					Issues	
				<u>OR</u>		
				PHIL 9	Political Philosophy	(3)
				<u>OR</u>		
				PHIL 12	Environmental	(3)
					Philosophy	
	<u>OR</u>			<u>OR</u>		
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)		PHIL 7	Contemporary Moral	(3)
					Issues	

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

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)		PHIL 7	Contemporary Moral	(3)
					Issues	
				<u>OR</u>		
				PHIL 9	Political Philosophy	(3)
				<u>OR</u>		
				PHIL 12	Environmental	(3)
					Philosophy	
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:

PHILOS 5	Critical Reasoning	(4)		PHIL 3	Critical Thinking	(3)
				<u>OR</u>		
				PHIL 5	Critical	(3)
					Thinking/Writing	

PHILOS 12	Intro to Symbol Logic	(4)		PHIL 4	Introduction to Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 7	Contemporary Moral Issues	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)		PHIL 7	Contemporary Moral Issues	(3)
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)		PHIL 4	Introduction to Symbolic Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

END OF MAJOR

d) Students who complete PHIL 7 at Santa Rosa Junior College will receive credit at UC Davis for PHILOS 14 or 24, 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)	PHYS 40	Classical Mechanics for (5) Scientists and Engineers
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and (4) Thermodynamics for Scientists & Engineers
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and (4) Magnetism for Scientists and Engineers
PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for (3) Scientists and Engineers
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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)

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)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)
	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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)

| OR
| CS 17.11 Java Programming (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 Astronomy & Astrophy	(4)		NO COMPARABLE COURSE	
<hr/>					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		CS 11 Data Structures and Algorithms	(4)

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)	BIOLSCI 2A	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 2B &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 2C &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIOLSCI 2C	Fundamentals of Biology (5) (Botany and Ecology)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5) Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5) Chemistry
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics (4)
Same as: STATIST 13Y				

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with (5) Quantitative Analysis

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
			BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with Quantitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with Quantitative Analysis (5)
			CHEM 4B	General Chemistry with Quantitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4B	General Chemistry with Quantitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry (5)
			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	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course (5)

PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics Lecture Part I (3)

				PHYS 20L	&	General Physics Lab Part I	(1)
				PHYS 21	&	General Physics Lecture Part II	(3)
				PHYS 21L		General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)		PHYS 20	&	General Physics Lecture Part I	(3)
				PHYS 20L	&	General Physics Lab Part I	(1)
				PHYS 21	&	General Physics Lecture Part II	(3)
				PHYS 21L		General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)		PHYS 20	&	General Physics Lecture Part I	(3)
				PHYS 20L	&	General Physics Lab Part I	(1)
				PHYS 21	&	General Physics Lecture Part II	(3)
				PHYS 21L		General Physics Lab Part II	(1)

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 21C	Calculus	(4)		MATH 1C		Calculus, Third Course	(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:

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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)		BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2 &	Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)
				BIO 2.3	Fundamentals of Biology (5)

(Botany and Ecology)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A	& General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
			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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
			OR		
PHYSICS 7A	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7B	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)
			PHYS 21L	General Physics Lab Part II	(1)
PHYSICS 7C	General Physics	(4)	PHYS 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab Part I	(1)
			PHYS 21	& General Physics Lecture Part II	(3)

PHYS 21L General Physics Lab (1)
Part II

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) | AGBUS 2 Agricultural Computer (3)
Applications

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A Princ of Microecon (4) | ECON 2 Principles of (3)
Microeconomics

OR

OR

AGRESEC 15 Pop,Envr,World Agri (4) | NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THE MAJOR:

ABIOSYT 49 Fld Equip Oper (2) | NO COMPARABLE COURSE

OR

OR

PL SCI 49 Org Crop Prod Prac (3) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

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)		POLS 1	Introduction to United States Government	(3)
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TWO COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)		POLS 2	Introduction to Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLS 25	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 18	Political Theory	(3)
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		
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STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y						

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)	POLS 1	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Introduction to Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLS 25	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 18	Political Theory	(3)

ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Introduction to Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLS 25	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 18	Political Theory	(3)
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 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

OR

OR

STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
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As of F18, title = Gateway to Data Science

END OF MAJOR

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 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to Psychological Research Methods	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIO 10	Introduction to Principles of Biology	(4)
			OR		
			BIO 12	Basic Concepts of Ecology	(3)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(3)
			OR		
MOL&CB 10	Intro Human Heredity	(4)	NO COURSE	ARTICULATED: College has not	

			submitted course(s) for articulation	
	OR			OR
NE PH B 10	Elem Human Physio	(3)	PHYSIO 1	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 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to Psychological Research Methods	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
<hr/>					
PHYSICS 10	Topics,Nonscientists	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	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 20	& General Physics Lecture Part I	(3)
			PHYS 20L	& General Physics Lab	(1)

					Part I	
				PHYS 21	<u>&</u> General Physics	(3)
					Lecture Part II	
				PHYS 21L	General Physics Lab	(1)
					Part II	
PHYSICS 7B	General Physics	(4)		PHYS 20	<u>&</u> General Physics	(3)
					Lecture Part I	
				PHYS 20L	<u>&</u> General Physics Lab	(1)
					Part I	
				PHYS 21	<u>&</u> General Physics	(3)
					Lecture Part II	
				PHYS 21L	General Physics Lab	(1)
					Part II	

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)		BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIO 2.2	<u>&</u> Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)	
				BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIO 2.2	<u>&</u> Fundamentals of Biology (5) (Evolution, Genetics, and Zoology)	
				BIO 2.3	Fundamentals of Biology (5) (Botany and Ecology)	

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)
				CHEM 1B	General Chemistry	(5)
				<u>OR</u>		
				CHEM 4A	<u>&</u> General Chemistry with Quantitative Analysis	(5)
				CHEM 4B	General Chemistry with Quantitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)		CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8	Introductory Organic Chemistry	(5)
	<u>OR</u>			<u>OR</u>		
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)
	<u>OR</u>			<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)		CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 12A	<u>&</u> 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 1A	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 1B	Introduction to Psychological Research Methods	(3)

STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
Same as: STATIST 13Y					

MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)

ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
			CS 17.11	Java Programming	(3)

As of F18, Course Number = ENG CS 36A

			<u>OR</u>		
ENG CS 10	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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

CHEM 10	Concept of Chem	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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			<u>OR</u>		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

			<u>OR</u>		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)

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

			<u>OR</u>		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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PHYSICS 10	Topics, Nonscientists	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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OR

PHYSICS 10C	Physics of California	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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OR

PHYSICS 7A	General Physics	(4)		PHYS 20 & General Physics (3) Lecture Part I
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				PHYS 20L & General Physics Lab (1) Part I
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				PHYS 21 & General Physics (3) Lecture Part II
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				PHYS 21L General Physics Lab (1) Part II
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PHYSICS 7B	General Physics	(4)		PHYS 20 & General Physics (3) Lecture Part I
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				PHYS 20L & General Physics Lab (1) Part I
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				PHYS 21 & General Physics (3) Lecture Part II
--	--	--	--	--

				PHYS 21L General Physics Lab (1) Part II
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It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIO 2.1 Fundamentals of Biology (5) (Cell and Molecular)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIO 10 Introduction to Principles of Biology (4)
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OR

				BIO 12 Basic Concepts of Ecology (3)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1 Biological Anthropology (3)
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OR

MOL&CB 10	Intro Human Heredity	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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OR

NE PH B 10	Elem Human Physio	(3)		PHYSIO 1 Human Physiology (5)
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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)	PHIL 8	World Religions:The Philosophical Foundations	(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)	HUMAN 8	Comparative Mythology	(3)
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 (2) | NO COURSE ARTICULATED: College has not
Issues | submitted course(s) for articulation
REL STD 10A Contemporary Ethical (2) | NO COURSE ARTICULATED: College has not
Issues | submitted course(s) for articulation
REL STD 11 Ethical Eating (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 12 Emergence Abrahamitic (4) | NO COURSE ARTICULATED: College has not
Religions | submitted course(s) for articulation
REL STD 21 Hebrew Scriptures (4) | RELS 21 The Hebrew Bible (3)
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) | RELS 22 Early Christian (3)
Literature
REL STD 42 Religion and Sci (4) | NO COURSE ARTICULATED: College has not
Fiction | submitted course(s) for articulation
REL STD 45 Christianity (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 60 Introduction to Islam (4) | RELS 15 Islam (3)
REL STD 65C The Qur'an and Its (4) | NO COURSE ARTICULATED: College has not
Interpretation | submitted course(s) for articulation
REL STD 67 Modern Hinduism (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 68 Hinduism (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 69 Intro Hindu Mythology (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 70 Religion and Language (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
REL STD 75 Introduction to Chinese (4) | NO COMPARABLE COURSE
Philosophy
REL STD 80 Religion, Gender, Sex (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
RUSSIAN 3	Elementary Russian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
RUSSIAN 4	Intermed Russian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
RUSSIAN 5	Intermed Russian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
RUSSIAN 6	Intermed Russian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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:

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SCI&TEC 1	Intro Sci & Tech Std	(4)		NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)		NO COMPARABLE COURSE

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)		ECON 12 Introduction to Economics and the Environment (3)
HUMAN 3	Medicine & Humanities	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into 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)		SOC 1	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)		SOC 3	Self and Society	(3)
SOCIOL 3	Social Problems	(4)		SOC 2	Modern Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtny	(4)		SOC 30	Race and Ethnic Relations	(3)
SOCIOL 5	Global Soc Change	(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 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)		ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5						
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		ANTHRO 30	Anthropology of Globalization	(3)

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 4.1	History of Western Civilization to 1648 C.E.	(3)
HISTORY 4B	Western Civ	(4)		HIST 4.1 &	History of Western Civilization to 1648 C.E.	(3)
				HIST 4.2	History of Western Civilization from 1648 C.E.	(3)
HISTORY 4C	Western Civ	(4)		HIST 4.2	History of Western Civilization from 1648 C.E.	(3)
HISTORY 6	Intro to Middle East	(4)		HIST 5	History of the Modern Middle East	(3)
HISTORY 7A	Latin America to 1700	(4)		NO COMPARABLE COURSE		
HISTORY 7B	Latin America 1700-1900	(4)		NO COMPARABLE COURSE		
HISTORY 7C	Latin America 1900-Present	(4)		HIST 8.2	History of Latin America from 1830 to Present	(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		
HISTORY 10C	World History III	(4)		HIST 1.2	World History since 1500 C.E.	(3)
HISTORY 15	Intro African Hist	(4)		NO COMPARABLE COURSE		
Course discontinued as of S18						
i) HISTORY 17A	U.S. History	(4)		HIST 17.1	History of the United States to 1877	(3)
i) HISTORY 17B	U.S. History	(4)		HIST 17.2	U.S. History from 1877	(3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)		PHIL 3	Critical Thinking	(3)
				<u>OR</u>		

				PHIL 5	Critical Thinking/Writing	(3)
d) PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 7	Contemporary Moral Issues	(3)
				<u>OR</u>		
				PHIL 9	Political Philosophy	(3)
				<u>OR</u>		
				PHIL 12	Environmental Philosophy	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 7	Contemporary Moral Issues	(3)

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

d) Students who complete PHIL 7 at Santa Rosa Junior 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)		SOC 1	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		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 2	Cultural Anthropology	(3)
	As of W17, units=5					
	OR				OR	
ANTHRO 20	Comparative Cultures	(4)		ANTHRO 30	Anthropology of Globalization	(3)
HISTORY 10C	World History III	(4)		HIST 1.2	World History since 1500 C.E.	(3)
	OR				OR	
POL SCI 2	Intro Comp Politics	(4)		POLS 2	Introduction to Comparative Government	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====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)		SOC 1	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		SOC 2	Modern Social Problems	(3)
	OR				OR	
SOCIOL 4	Immigrtn & Opprtnnty	(4)		SOC 30	Race and Ethnic Relations	(3)
	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)		ANTHRO 2	Cultural Anthropology	(3)
As of W17, units=5						
ANTHRO 20	Comparative Cultures	(4)		ANTHRO 30	Anthropology of Globalization	(3)
POL SCI 1	Amer Natl Govt	(4)		POLS 1	Introduction to United States Government	(3)
POL SCI 3	Internatl Relations	(4)		POLS 25	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 18	Political Theory	(3)
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 4.1	History of Western Civilization to 1648 C.E.	(3)
HISTORY 4B	Western Civ	(4)		HIST 4.1 &	History of Western Civilization to 1648 C.E.	(3)
				HIST 4.2	History of Western	(3)

HISTORY 4C	Western Civ	(4)	HIST 4.2	Civilization from 1648 C.E. History of Western Civilization from 1648 C.E.	(3)
HISTORY 6	Intro to Middle East	(4)	HIST 5	History of the Modern Middle East	(3)
HISTORY 7A	Latin America to 1700	(4)	NO COMPARABLE COURSE		
HISTORY 7B	Latin America 1700-1900	(4)	NO COMPARABLE COURSE		
HISTORY 7C	Latin America 1900-Present	(4)	HIST 8.2	History of Latin America from 1830 to Present	(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		
HISTORY 10C	World History III	(4)	HIST 1.2	World History since 1500 C.E.	(3)
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		
Course discontinued as of S18					
i) HISTORY 17A	U.S. History	(4)	HIST 17.1	History of the United States to 1877	(3)
i) HISTORY 17B	U.S. History	(4)	HIST 17.2	U.S. History from 1877	(3)

PHILOS 5	Critical Reasoning	(4)	PHIL 3	Critical Thinking	(3)
			<u>OR</u>		
			PHIL 5	Critical Thinking/Writing	(3)
			<u>OR</u>		
d) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7	Contemporary Moral Issues	(3)
			<u>OR</u>		
			PHIL 9	Political Philosophy	(3)
			<u>OR</u>		
			PHIL 12	Environmental Philosophy	(3)
			<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)	PHIL 7	Contemporary Moral Issues	(3)

END OF MAJOR

i) **UC Transfer Course Agreement states: HIST 17.1 and 18.1 combined - maximum credit, one course. HIST 17.2 and 18.2 combined - maximum credit, one course.**

d) Students who complete PHIL 7 at Santa Rosa Junior 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)		SOC 1	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		SOC 3	Self and Society	(3)
	OR			OR		
SOCIOL 3	Social Problems	(4)		SOC 2	Modern Social Problems	(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 1A	General Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		HIST 30	African-American History	(3)
AF-AMST 15	Intro Afro Amer Hum	(4)		ENGL 31	African-American Arts and Literature	(3)
A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)		HIST 26	History of Chicanos and Latinos from 1848 to Present	(3)
CHICANO 50	Chicano Culture	(4)		ENGL 33	ChicanoChicana Arts & Literature	(3)
N A STD 1	Intro NA Studies	(4)		ANTHRO 32	Native Cultures of	(3)

		North America	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 30 Race and Ethnic Relations (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

END OF MAJOR

====Sociology-Organizational 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.

Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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)	SOC 1	Introduction to Sociology	(3)
	AND			AND	
SOCIOL 2	Self and Society	(4)	SOC 3	Self and Society	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 30	Race and Ethnic Relations	(3)
	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 2	Principles of Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 1	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.

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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.

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish - Part 1	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish - Part 1	(4)
			SPAN 2	Elementary Spanish - Part 2	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish - Part 2	(4)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish - Part One	(4)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish - Part 2	(4)
SPANISH 23	Span Comp I	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
SPANISH 24	Span Comp II	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE		

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)	ENGL 25	Introduction to Language Study	(3)
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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.

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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:

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College Foreign Language Requirement Note:

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

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

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

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
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MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
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ENG CS 10	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
OR			OR		
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)
<hr/>					
As of F18, Course Number = ENG CS 36A					
OR			OR		
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and	(4)

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
MATH 16C	Short Calculus	(3)		MATH 1B	Calculus, Second Course	(5)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course (5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course (5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course (4)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED

MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra (3)
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ENG CS 10	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
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	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming (4)

	<u>OR</u>			CS 17.11	Java Programming (3)
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As of F18, Course Number = ENG CS 36A

	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		CS 11	Data Structures and Algorithms (4)

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 15	Elementary Statistics (4)
	Same as: STATIST 13Y				
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:

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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.

MATH 21A	Calculus	(4)		MATH 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear Algebra	(3)

ENG CS 60	Data Structures & Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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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 15 Elementary Statistics (4)
Same as: STATIST 13Y				
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.

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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:

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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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)

MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		

MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 10	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(3)

As of F18, Course Number = ENG CS 36A

	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)

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 15	Elementary Statistics (4)
Same as: STATIST 13Y					
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:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)		MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)		MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)		MATH 5	Introduction to Linear	(3)

Algebra

ENG CS 10	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
ENG CS 30	Programming&Prob Solving	(4)	CS 10 Introduction to Computer Programming (4)
OR			OR
As of F18, Course Number = ENG CS 36A			CS 17.11 Java Programming (3)
OR			OR
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11 Data Structures and Algorithms (4)
As of F18, Course Number = ENG CS 36B			

STATIST 13	Elementary Statistics	(4)	MATH 15 Elementary Statistics (4)
Same as: STATIST 13Y			
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.

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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.

COMUNCN 1	Intro Public Spkg	(4)	SPCH 1A	Introduction to 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)	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 OR	(2)	NO COMPARABLE COURSE 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 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		
			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
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AN SCI 1	Domest Ani & People OR	(4)	NO COMPARABLE COURSE OR		
p) AN SCI 2	Intro Animal Sci	(4)	ANSCI 2	Introduction to Farm Animal Health	(3)
			OR		
			ANSCI 27	Beef Cattle Science	(3)
			OR		
			ANSCI 28	Sheep Science	(3)
			OR		
			ANSCI 29	Dairy Cattle	(3)

Industry/Dairy Cattle
Science

FD S&T 1 Food Sci Principles (3) | NO COMPARABLE COURSE

ECON 1A Princ of Microecon (4) | ECON 2 Principles of Microeconomics (3)

CM&RGDE 1 The Community (4) | NO COMPARABLE COURSE

d) PHILOS 14 Eth Soc Prob in Soc (4) | PHIL 7 Contemporary Moral Issues (3)

OR

PHIL 9 Political Philosophy (3)

OR

PHIL 12 Environmental Philosophy (3)

OR

PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE

OR

PHILOS 24 Intro to Ethics (4) | PHIL 7 Contemporary Moral Issues (3)

ANTHRO 2 Cultural Anthropology As of W17, units=5 (4) | ANTHRO 2 Cultural Anthropology (3)

OR

POL SCI 4 Bas Cnpt/Pol Thry (4) | POLS 18 Political Theory (3)

OR

SOCIOL 1 Intro Sociology (5) | SOC 1 Introduction to Sociology (3)

OR

SOCIOL 3 Social Problems (4) | SOC 2 Modern Social Problems (3)

TRACK II: FOOD AND SOCIETY

PHILOS 5 Critical Reasoning (4) | PHIL 3 Critical Thinking (3)

OR

PHIL 5 Critical Thinking/Writing (3)

OR

PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE

d) PHILOS 14 Eth Soc Prob in Soc (4) | PHIL 7 Contemporary Moral Issues (3)

OR

PHIL 9 Political Philosophy (3)

OR

PHIL 12 Environmental Philosophy (3)

OR

PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE

OR

PHILOS 24 Intro to Ethics (4) | PHIL 7 Contemporary Moral Issues (3)

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

OR

STATIST 13 Elementary Statistics Same as: STATIST 13Y (4) | MATH 15 Elementary Statistics (4)

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

OR

CHEM 4A General Chemistry with Quantitative Analysis (5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIO 10	Introduction to Principles of Biology	(4)
			OR		
			BIO 12	Basic Concepts of Ecology	(3)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
	OR			OR	
ENV S&P 1	Env Analysis	(4)	ECON 12	Introduction to Economics and the Environment	(3)
	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	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)	BIO 12	Basic Concepts of Ecology	(3)
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 18	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	Cultural Anthropology	(3)
	As of W17, units=5				
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 2	Modern Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	HIST 21	Race, Ethnicity and Gender in American Culture	(3)

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics	(4)
	Same as: STATIST 13Y				
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

				<u>OR</u>	CHEM 4A	General Chemistry with Quantitative Analysis	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	<u>OR</u>	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)	
BIOLSCI 10	Everyday Biology	(4)	<u>OR</u>	BIO 10	Introduction to Principles of Biology	(4)	
			<u>OR</u>	BIO 12	Basic Concepts of Ecology	(3)	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	<u>OR</u>	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)	
			<u>OR</u>	BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)	
ENV S&P 1	Env Analysis	(4)	<u>OR</u>	ECON 12	Introduction to Economics and the Environment	(3)	
ENV S&P 30	Global Ecosystem	(3)	<u>OR</u>	NO COMPARABLE COURSE			
	Same as: ENV SC&M 30		<u>OR</u>				
W&F BIO 10	Wildl Ecol Conserve	(4)	<u>OR</u>	NO COMPARABLE COURSE			
W&F BIO 51	Intro to Conservation Biology	(3)	<u>OR</u>	BIO 12	Basic Concepts of Ecology	(3)	
FD S&T 1	Food Sci Principles	(3)		NO COMPARABLE COURSE			
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE			
ECON 1A	Princ of Microecon	(4)	<u>OR</u>	ECON 2	Principles of Microeconomics	(3)	
ECON 1B	Princ of Macroecon	(4)	<u>OR</u>	ECON 1	Principles of Macroeconomics	(3)	
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 18	Political Theory	(3)	
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 2	Cultural Anthropology	(3)	
	As of W17, units=5		<u>OR</u>				
SOCIOL 1	Intro Sociology	(5)	<u>OR</u>	SOC 1	Introduction to Sociology	(3)	
SOCIOL 3	Social Problems	(4)	<u>OR</u>	SOC 2	Modern Social Problems	(3)	
CM&RGDE 1	The Community	(4)		NO COMPARABLE COURSE			
d) PHILOS 14	Eth Soc Prob in Soc	(4)	<u>OR</u>	PHIL 7	Contemporary Moral Issues	(3)	
			<u>OR</u>	PHIL 9	Political Philosophy	(3)	
			<u>OR</u>	PHIL 12	Environmental Philosophy	(3)	
PHILOS 15	Intro to Bioethics	(4)	<u>OR</u>	NO COMPARABLE COURSE			

ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Introduction to Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLS 25	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 18	Political Theory	(3)
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 submitted course(s) for articulation		
Same as: COMUNCN 12Y, PSYCH 12Y SOCIOL 12Y					
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	SOC 3	Self and Society	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Modern Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 30	Race and Ethnic Relations	(3)
SOCIOL 5	Global Soc Change	(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 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		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
SOCIOL 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 COMPARABLE COURSE		
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	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 COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Introduction to	(5)	NO COMPARABLE COURSE		

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.

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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.

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)		AGBUS 2	Agricultural Computer Applications	(3)
	OR				OR	
B) ENG CS 15	Intro to Computers	(4)		CS 5	Computer Literacy	(3)
	OR				OR	
ENG CS 30	Programming&Prob Solving	(4)		CS 10	Introduction to Computer Programming	(4)
				OR		
				CS 17.11	Java Programming	(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 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 1	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 2	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 2.1	History & Aesthetic Appreciation of Prehistoric - Gothic Art	(3)

	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 2.2	History and Appreciation of Late Gothic to Impressionist Art (3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)		ART 2.3	History and Appreciation of Modern Art (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)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
PSYCH 1	General Psychology	(4)		PSYCH 1A	General Psychology (3)
SOCIOL 2	Self and Society	(4)		SOC 3	Self and Society (3)
STATIST 13	Elementary Statistics	(4)		MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y				
TEX&CL 6	Intro Textiles	(4)		FASH 8	Introductory Textiles (3)
TEX&CL 7	Style & Cult Std	(4)		NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)		BAD 1	Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)		BAD 2	Managerial Accounting (4)
CHEM 10	Concept of Chem	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	OR			OR	
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry (5)
				OR	
				CHEM 4A	General Chemistry with Quantitative Analysis (5)
MATH 16A	Short Calculus	(3)		MATH 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)		MATH 1B	Calculus, Second Course (5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)		BAD 18	The Legal Environment of Business (3)
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)		MATH 1B	Calculus, Second Course (5)

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)	AGBUS 2	Agricultural Computer Applications	(3)
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CS 5	Computer Literacy	(3)
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			OR		
			CS 17.11	Java Programming	(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 2	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 2	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 2.1	History & Aesthetic Appreciation of Prehistoric - Gothic Art	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 2.2	History and Appreciation of Late Gothic to Impressionist Art	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 2.3	History and Appreciation of Modern	(3)

			Art	
ARTHI 1D	OR Arts of Asia	(4)	NO COMPARABLE COURSE	OR

ALL OF THE FOLLOWING COURSES:				
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 10	OR Topics, Nonscientists	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	OR
PSYCH 1	General Psychology	(4)	PSYCH 1A	General Psychology (3)
SOCIOL 2	Self and Society	(4)	SOC 3	Self and Society (3)
STATIST 13	Elementary Statistics	(4)	MATH 15	Elementary Statistics (4)
	Same as: STATIST 13Y			
TEX&CL 6	Intro Textiles	(4)	FASH 8	Introductory Textiles (3)
TEX&CL 7	Style & Cult Std	(4)		NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5) Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5) Chemistry
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)

RESTRICTED ELECTIVES (16 QUARTER UNITS):				
AGRESEC 18	Business Law	(4)	BAD 18	The Legal Environment of (3) Business
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			<u>OR</u>	
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
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)
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE
MGMT 11A	Elem Accounting	(4)	BAD 1	Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)	BAD 2	Managerial Accounting (4)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
MATH 16C	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
SOCIOL 25	Popular Culture	(4)		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)		NO COMPARABLE COURSE		
DRAMART 40A	Beg Modern Dance	(2)		DANCE 16.1	Modern Dance I	(1.5)
DRAMART 40B	Int Modern Dance	(2)		DANCE 16.3	Modern Dance III	(1.5)
DRAMART 42A	Beg Ballet	(2)		DANCE 11.1	Ballet I	(1.5)
DRAMART 42B	Inter Ballet	(2)		DANCE 11.3	Ballet III	(1.5)

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:

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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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (5) (Cell and Molecular)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry (5)
			OR	
			CHEM 4A	General Chemistry with (5) Quantitative Analysis
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry (5)
			CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4A &	General Chemistry with (5) Quantitative Analysis
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry (5)
			OR	
			CHEM 4B	General Chemistry with (5) Quantitative Analysis
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic (5) Chemistry
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic (5) Chemistry
PL SCI 21	Computers in Technology	(3)	AGBUS 2	Agricultural Computer (3) Applications

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course (5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	AND		AND	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR		OR	
PHYSICS 7A	General Physics	(4)	PHYS 20 &	General Physics (3) Lecture Part I
			PHYS 20L &	General Physics Lab (1) Part I
			PHYS 21 &	General Physics (3) Lecture Part II
			PHYS 21L	General Physics Lab (1) Part II

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)	WINE 1	Introduction to Viticulture, Winemaking, Wines of the World	(3)
				Same as: VIT 1	
VIT-ENO 3	Intro Winemaking	(3)	WINE 3	Introduction to Enology	(4)

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.

Transfer Admission Guarantee (TAG) Note:

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

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

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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.

UWRITING 1	Expository Writing	(4)	ENGL 1A	College Composition	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1A	Introduction to Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	Interpersonal Communication	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	THAR 10A	Introduction to Acting	(3)
Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.					

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 &	Fundamentals of Biology (Evolution, Genetics, and Zoology)	(5)
			BIO 2.3	Fundamentals of Biology (Botany and Ecology)	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
			OR		
			CHEM 4A	General Chemistry with Quantitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry	(5)
			OR		

			CHEM 4A &	General Chemistry with Quantitative Analysis	(5)
			CHEM 4B	General Chemistry with Quantitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 1A	Calculus, First Course	(5)
MATH 16B	Short Calculus	(3)	MATH 1B	Calculus, Second Course	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 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)	BIO 12	Basic Concepts of Ecology	(3)

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
			<u>OR</u>		
			CHEM 4B	General Chemistry with Quantitative Analysis	(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 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7B	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	
PHYSICS 7C	General Physics	(4)	PHYS 20 &	General Physics	(3)
				Lecture Part I	
			PHYS 20L &	General Physics Lab	(1)
				Part I	
			PHYS 21 &	General Physics	(3)
				Lecture Part II	
			PHYS 21L	General Physics Lab	(1)
				Part II	

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 1A	Calculus, First Course	(5)
MATH 21B	Calculus	(4)	MATH 1B	Calculus, Second Course	(5)
MATH 21C	Calculus	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 21D	Vector Analysis	(4)	MATH 1C	Calculus, Third Course	(4)
MATH 22A	Linear Algebra	(3)	MATH 5	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 2	Calculus, Fourth Course - Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A <u>OR</u> CHEM 4A	General Chemistry General Chemistry with Quantitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B <u>OR</u> CHEM 4A & CHEM 4B	General Chemistry General Chemistry General Chemistry with Quantitative Analysis General Chemistry with Quantitative Analysis	(5) (5) (5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B <u>OR</u> CHEM 4B	General Chemistry General Chemistry with Quantitative Analysis	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8	Introductory Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8	Introductory Organic Chemistry	(5)
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 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12A & CHEM 12B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Classical Mechanics for Scientists and Engineers	(5)

PHYSICS 9B	Classical Physics	(5)	PHYS 41	Waves, Optics and Thermodynamics for Scientists & Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 42	Electricity and Magnetism for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 43	Modern Physics for Scientists and Engineers	(3)
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 25	Engineering Graphics and Design	(3)
a) ENGIN 6	Engr Prob Solving	(4)	ENGR 6	Programming in MATLAB for Engineers	(3)
a) ENGIN 17	Circuits I	(4)	ENGR 16	Electric Circuits & Devices	(4)
a) ENGIN 35	Statics	(4)	ENGR 34	Engineering Mechanics: Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGR 45	Properties of Materials	(4)
ENG CS 20	C Sci/Discrete Math	(4)	MATH 4	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CS 10	Introduction to Computer Programming	(4)
			<u>OR</u>		
			CS 17.11	Java Programming	(3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CS 11	Data Structures and Algorithms	(4)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)	CS 12	Assembly Language Programming	(4)
ENG CS 60	Data Structures & Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)	ENGL 1A	College Composition	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Literature and Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1A	Introduction to Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 6	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIO 2.1	Fundamentals of Biology (Cell and Molecular)	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIO 2.2 & BIO 2.3	Fundamentals of Biology (Evolution, Genetics, and Zoology) Fundamentals of Biology (Botany and Ecology)	(5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIO 2.2 & BIO 2.3	Fundamentals of Biology (Evolution, Genetics, and Zoology) Fundamentals of Biology (Botany and Ecology)	(5) (5)
c) GEOLOGY 50 q)	Physical Geology	(3)	GEOL 1	The Earth	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- a) This articulation is approved for engineering majors.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- q) If a student takes GEOL 1 at Santa Rosa Junior College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.