

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====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:

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College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		AFRAM 1	Introduction to African (3) American Studies
AF-AMST 12	Intro Afro Studies	(4)		NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

AF-AMST 15	Intro Afro Amer Hum	(4)		AFRAM 17	African-American (3) Literature Same as: ENGL 17
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 52	Afr Tradit Relig	(4)		NO COMPARABLE COURSE	
AF-AMST 80	Black Politics	(4)		NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology (3)
				<u>OR</u>	
				ANTHRO 2H	Honors Cultural (3) Anthropology
ECON 1A	Princ of Microecon	(4)		ECON 40	Introduction to (3) Microeconomics
				<u>OR</u>	
				ECON 40H	Honors Introduction to (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)		ECON 50	Introduction to (3) Macroeconomics
				<u>OR</u>	
				ECON 50H	Honors Introduction to (3) Macroeconomics
SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to (3)

					Sociology	
				<u>OR</u>		
				SOC 1AH	Honors Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government		(3)
				<u>OR</u>		
				POLSCI 2H	Honors American Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government		(3)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology		(3)
				<u>OR</u>		
				PSY 2H	Honors General Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	CLS 11	Introduction to Chicano - Latino Studies		(3)
				<u>OR</u>		
				CLS 14	Sociology of the Mexican American Community	(3)
				Same as: SOC 14		
				<u>OR</u>		
				SOC 14	Sociology of the Mexican American Community	(3)
				Same as: CLS 14		
N A STD 1	Intro NA Studies	(4)	AMIND 32	American Indian History		(3)
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)	ASAMER 15	Introduction to Asian-Americans		(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAMER 1	Indo-Chinese Americans		(3)
WOM STD 50	Intro Gender Studies	(4)	WSTS 10	Changing Roles of Women		(3)

TWO COURSES FROM THE FOLLOWING:

HISTORY 15A	Africa to 1900	(4)		NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)		NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)	HIST 11	History of the United States to 1877		(3)
HISTORY 17B	U.S. History	(4)	HIST 12	History of the United States Since 1877		(3)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	AFRAM 6	African Cultures and Languages		(3)
AF-AMST 51	History Af-Amr Dance	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 41A	Beg Jazz Dance	(2)	DANCE 14	Beginning Jazz Dance Technique		(1)
DRAMART 41B	Inter Jazz Dance	(2)		NO COMPARABLE COURSE		
DRAMART 44A	Beg Hip Hop Dance	(2-4)		NO COMPARABLE COURSE		
DRAMART 44B	Inter Hip Hop Dance	(2-4)		NO COMPARABLE COURSE		
MUSIC 28	Introduction to African American Music	(4)		NO COMPARABLE COURSE		

END OF MAJOR

====Agricultural & Environmental Education B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

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

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE

ABIOSYT 16	Metal Prop & Fabr	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE
	AND		AND
ECON 1A	Princ of Microecon	(4)	ECON 40 Introduction to Microeconomics (3)
			OR
			ECON 40H Honors Introduction to Microeconomics (3)
	OR		OR
ECON 1B	Princ of Macroecon	(4)	ECON 50 Introduction to Macroeconomics (3)
			OR
			ECON 50H Honors Introduction to Macroeconomics (3)

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COMPARABLE COURSE
FORMERLY PLANT BIO 1			

ENV S&P 10	Current Issues in Environment	(3)	GEOL 12 Environmental Science (3)
			OR
			ENV S&P 10 not open for credit to students who have completed ENV S&P 1
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
HYDRO S 10	Water, Power, Society	(3)	NO COMPARABLE COURSE
Same as: SCI&SOC 10			

PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	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
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

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

g) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
			OR		
			GEOL 1H	Honors Physical Geology	(4)
GEOLOGY 20	California Geology	(2)	GEOL 4	Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
			OR		
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE	
			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

END OF MAJOR

g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
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)	AMST 10 American Pluralism: A Search for Common Ground in a Multicultural Society (3)
AMR STD 55	Food in Amer Culture Same as: FD S&T 55	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	AFRAM 1 Introduction to African American Studies (3)
A A STD 1	Hist Exp Asian Am	(4)	ASAMER 15 Introduction to Asian-Americans (3)
CHICANO 10	Intro to Chic Std	(4)	CLS 11 Introduction to Chicano - Latino Studies (3)
			OR
			CLS 14 Sociology of the Mexican American Community (3) Same as: SOC 14
			OR
			SOC 14 Sociology of the Mexican American Community (3) Same as: CLS 14
N A STD 1	Intro NA Studies	(4)	AMIND 32 American Indian History (3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 Cultural Anthropology (3)
			OR
			ANTHRO 2H Honors Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	WSTS 10 Changing Roles of Women (3)

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 11 History of the United States to 1877 (3)
HISTORY 17B	U.S. History	(4)	HIST 12 History of the United States Since 1877 (3)
HISTORY 72A	Am Women & Gender	(4)	HIST 22 History of American Women (3)
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	English Literature to 1800	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 46B	English Literature from 1800 to the Present	(3)
			OR		
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 48A	Introduction to American Literature to 1865	(3)
			ENGL 48B	Introduction to American Literature 1865 to Present	(3)
FILM ST 1	Intro to Film Studies	(4)	FILM 1	Introduction to Film Studies	(3)

Formerly Humanities 10

END OF MAJOR

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	<u>&</u> Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	

AN BIOL 50A	Animal Biol Lab	(2)	NO COMPARABLE COURSE		
AN BIOL 50B	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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College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

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

AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
				<u>OR</u>	
				BIOL 11AH	Honors Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
				<u>OR</u>	
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	<u>&</u> Principles of Zoology (5)
				BIOL 6	Principles of Botany (5)
				<u>OR</u>	
				BIOL 11B	Biology for Science Majors II (5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
<hr/>					
PL SCI 21	Computers in Technology	(3)		AT 10	Technical Computer (3)

	OR			Applications	
B) ENG CS 15	Intro to Computers	(4)	CIT 15	Computer Concepts	(3)
ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			OR		
			ECON 50H	Honors Introduction to Macroeconomics	(3)
MGMT 11A	Elem Accounting	(4)	ACCTG 4A	Financial Accounting	(4)
			OR		
			ACCTG 4AH &	Honors Financial Accounting	(4)
			ACCTG 4B	Managerial Accounting	(4)
			OR		
			ACCTG 4BH	Honors Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCTG 4B	Managerial Accounting	(4)
			OR		
			ACCTG 4BH	Honors Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

COMPANION ANIMALS SPECIALIZATION

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

DAIRY SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE

AN SCI 41L Domest An Prod Lab (2) | NO COMPARABLE COURSE

EQUINE SPECIALIZATION

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

LIVESTOCK SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2)|NO COMPARABLE COURSE

AN SCI 41L Domest An Prod Lab (2)|NO COMPARABLE COURSE

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18 Business Law (4)|BA 18 Business and the Legal (4)
| Environment

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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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AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)		NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)		NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
				<u>OR</u>	
				BIOL 11AH	Honors Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
				<u>OR</u>	
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology:	(5)		BIOL 4	<u>&</u> Principles of Zoology (5)

	Biodiversity & the Tree of Life		BIOL 6 <u>OR</u> BIOL 11B	Principles of Botany Biology for Science Majors II	(5) (5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 28B & CHEM 29A &	Organic Chemistry I Organic Chemistry II Organic Chemistry Laboratory I	(3) (3) (2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A &	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
			CHEM 28B & CHEM 29B	Organic Chemistry II Organic Chemistry Lab II	(3) (2)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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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	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 4	Introduction to Archaeology	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		
ANTHRO 23	Intr World Prehist	(4)	ANTHRO 3	Archaeology and World Prehistory	(3)
ANTHRO 24	Ancient Crops and People	(4)	NO COMPARABLE COURSE		
ANTHRO 50	Evolution and Human Nature	(4)	NO COMPARABLE COURSE		
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 COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR		
			ANTHRO 2H	Honors Cultural Anthropology	(3)

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 1	Biological Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 4	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)	NO COMPARABLE COURSE		
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: SCI&TEC 32					

ANTHRO 34 Cultures of Consumerism (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
				OR		
				ANTHRO 2H	Honors Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 4	Introduction to Archaeology	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	&	Biology for Science Majors I	(5)
			BIOL 11B		Biology for Science Majors II	(5)
			<u>OR</u>			
			BIOL 11AH	&	Honors Biology for Science Majors I	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 11B		Biology for Science Majors II	(5)
			BIOL 4	&	Principles of Zoology	(5)
			BIOL 6		Principles of Botany	(5)
			<u>OR</u>			
BIOL 11B		Biology for Science Majors II	(5)			

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE			
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE			
<u>OR</u>						
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29B		Organic Chemistry Lab II	(2)

MATH 16A	Short Calculus	(3)	MATH 5A		Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B		Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B		Mathematical Analysis II	(4)
			<u>OR</u>			
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MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE			
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE			
<u>OR</u>						
MATH 21A	Calculus	(4)	MATH 5A		Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B		Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6		Mathematical Analysis III	(4)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE			
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE			
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11		Elementary Statistics	(4)
			<u>OR</u>			
			MATH 42		Statistics for the Behavioral Sciences	(4)

Same as: PSY 42

OR

PSY 42 Statistics for the Behavioral Sciences (4)

Same as: MATH 42

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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis	(4)
				II	
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis	(4)
				III	
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to	(4)
				Differential Equations	
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 7	Introduction to	(4)
				Differential Equations	
				<u>OR</u>	
			MATH 26	Elementary Linear	(3)
				Algebra	
				<u>AND</u>	
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 32A	Intro to Programming	(4)	NO COURSE	ARTICULATED: College has not
	Formerly ENG CS 10			submitted course(s) for articulation
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE	

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>	
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>	
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
				<u>OR</u>	
ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
				<u>OR</u>	
			ECON 40H	Honors Introduction to	(3)

ECON 1B	Princ of Macroecon	(4)		ECON 50	Microeconomics Introduction to Macroeconomics	(3)
				<u>OR</u>		
				ECON 50H	Honors Introduction to Macroeconomics	(3)
	<u>OR</u>			<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers	(4)
				PHYS 4B &	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)
	<u>OR</u>			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			<u>OR</u>		
			MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)

ATMOSPHERIC PHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED	

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
			<u>OR</u>		
			CIT 63	Beginning JAVA Programming	(4)
			<u>OR</u>		
			CIT 66	Beginning C++ Programming	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts & Methodology II	(4)

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

GEOPHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

MATERIALS SCIENCE CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGR 6	Circuits with Lab	(4)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)		NO COURSE ARTICULATED	

PHYSICAL OCEANOGRAPHY CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art	(4)		ART 5	Art History 1	(3)
				<u>OR</u>		
				ART 5H	Honors Art History 1	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 5	& Art History 1	(3)
				ART 6	Art History 2	(3)
				<u>OR</u>		
				ART 5H	& Honors Art History 1	(3)
				ART 6H	Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 6	Art History 2	(3)
				<u>OR</u>		
				ART 6H	Honors Art History 2	(3)
ARTHI 1D	Arts of Asia	(4)		ART 55	Introduction to Asian	(3)

				Art
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)	NO COMPARABLE COURSE	

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 7	Beginning Drawing	(3)
			<u>OR</u>		
			ART 17	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 11	Beginning Sculpture	(3)
			<u>OR</u>		
			ART 21	Intermediate Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 9	Beginning Painting: Oil/Acrylic	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	PHOTO 5	Introduction to Photography	(3)
ART 11	Beginning Printmaking	(4)	ART 14	Beginning Printmaking	(3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 7	Beginning Drawing	(3)
			OR		
			ART 17	Intermediate Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 11	Beginning Sculpture	(3)
			OR		
			ART 21	Intermediate Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 9	Beginning Painting: Oil/Acrylic	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	PHOTO 5	Introduction to Photography	(3)
ART 11	Beginning Printmaking	(4)	ART 14	Beginning Printmaking	(3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5	Art History 1	(3)
			OR		
			ART 5H	Honors Art History 1	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 &	Art History 1	(3)
			ART 6	Art History 2	(3)
			OR		
			ART 5H &	Honors Art History 1	(3)
			ART 6H	Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 6	Art History 2	(3)
			OR		
			ART 6H	Honors Art History 2	(3)
ARTHI 1D	Arts of Asia	(4)	ART 55	Introduction to Asian Art	(3)
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)	NO COMPARABLE COURSE		

END OF MAJOR**====Asian American Studies A.B.====****Special Advising Note:**

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [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)	ASAMER 15	Introduction to Asian-Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAMER 1	Indo-Chinese Americans	(3)
A A STD 3	Social & Psychological Perspectives 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		

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	AFRAM 1	Introduction to African American Studies	(3)
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)	AFRAM 17	African-American Literature	(3)
			Same as: ENGL 17		
AF-AMST 16	African Verbal Arts	(4)	AFRAM 6	African Cultures and Languages	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
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)	AMST 10 American Pluralism: A Search for Common Ground in a Multicultural Society (3)
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)	CLS 11 Introduction to Chicano - Latino Studies (3)
			<u>OR</u>
			CLS 14 Sociology of the Mexican American Community (3)
			Same as: SOC 14
			<u>OR</u>
			SOC 14 Sociology of the Mexican American Community (3)
			Same as: CLS 14
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	CLS 13 Politics and the Chicano-Latino Community (3)
CHICANO 40	Comparative Health	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
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)	CLS 20 Chicano Art (3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	AMIND 32 American Indian History (3)
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)	AMIND 35 American Indian Art (3)
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
WOM STD 25	Gender & Global Cinema	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	WSTS 10 Changing Roles of Women (3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE

AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE	
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
ART 10	Fine Art Appreciation	(4)	ART 2 Art Appreciation	(3)
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	
PHILOS 5	Critical Reasoning	(4)	PHIL 2 Critical Reasoning and Analytic Writing	(3)
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE	
POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE	
PSYCH 41	Research Methods	(4)	PSY 45 Introduction to Research Methods in Psychology	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 42 Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42	
			<u>OR</u>	
			PSY 42 Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)		CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry and Qualitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A & CHEM 1B	General Chemistry (5) General Chemistry and Qualitative Analysis (5)
ENG CS 36A Formerly ENG CS 30	Programming	(4)		CSCI 40 OR CIT 63	Programming Concepts & Methodology I (4) Beginning JAVA Programming (4)

	<u>OR</u>		
CIT 66		Beginning C++ Programming	(4)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			<u>OR</u>		
			MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
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PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers	(4)

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

[UC Davis General Catalog](#) online.

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	<u>&</u> Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)
				CHEM 1B	General Chemistry and	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	Qualitative Analysis General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

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

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
	OR			OR	

CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab	(2)
				II	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry	(2)
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab	(2)
				II	

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis	(4)
				III	

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 2019-20)

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

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

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

Organic Chemistry series cited on ASSIST for your major*
 Physics 7A/B/C or the physics series cited on ASSIST

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	<u>&</u> Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			<u>OR</u>		
			BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
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END OF MAJOR

====Biological Systems Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

We 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)

BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A	& Organic Chemistry Laboratory I	(2)

			CHEM 29B	Organic Chemistry Lab II	(2)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
			OR		
			CIT 63	Beginning JAVA Programming	(4)
			OR		
			CIT 66	Beginning C++ Programming	(4)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts & Methodology II	(4)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE		
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis	(4)
				III	

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists	(4)
				and Engineers	
PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists	(4)
				and Engineers	
PHYSICS 9D	Modern Physics	(4)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)
				and Engineers	

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
MATH 22AL	Lin Alg Comp Lab	(1)	MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
			MATH 7	Introduction to Differential Equations	(4)

CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

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 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)

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

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

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		

MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II (4)
MATH 21C	Calculus	(4)		MATH 6	Mathematical Analysis III (4)

CHEM 128A	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B	Organic Chemistry II (3)
CHEM 128B	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B	Organic Chemistry II (3)
CHEM 128C	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B	Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)		CHEM 29A &	Organic Chemistry Laboratory I (2)
				CHEM 29B	Organic Chemistry Lab II (2)
CHEM 129B	Organic Chem Lab	(2)		CHEM 29A &	Organic Chemistry Laboratory I (2)
				CHEM 29B	Organic Chemistry Lab II (2)

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4A & PHYS 4B &	Physics for Scientists and Engineers Physics for Scientists and Engineers	(4) (4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers	(4)
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary 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 7	Introduction to Differential Equations	(4)
CHEM 128A	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A & CHEM 29B	Organic Chemistry Laboratory I Organic Chemistry Lab II	(2) (2) (2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A & CHEM 29B	Organic Chemistry Laboratory I Organic Chemistry Lab	(2) (2) (2)

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

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)		PHYS 4A	&	Physics for Scientists and Engineers	(4)
				PHYS 4B	&	Physics for Scientists and Engineers	(4)
				PHYS 4C		Physics for Scientists and Engineers	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

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

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the	(4)

				Behavioral Sciences	
				Same as: PSY 42	
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	
			OR		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28B &	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 and 2	(4)

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

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

and Engineers

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
OR			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
OR			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)

CHEM 129A	Organic Chem Lab	(2)	CHEM 28B	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 29B	Organic Chemistry Lab II	(2)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)	CLS 11	Introduction to Chicano - Latino Studies	(3)
			<u>OR</u>		
			CLS 14	Sociology of the Mexican American Community	(3)
				Same as: SOC 14	
			<u>OR</u>		
			SOC 14	Sociology of the Mexican American Community	(3)
				Same as: CLS 14	
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		

CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHICANO 40	Comparative Health	(4)	NO COMPARABLE COURSE		

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)	CLS 20	Chicano Art	(3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE		

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Beginning Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish	(5)
			SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish	(5)
	<u>OR</u>			<u>OR</u>	
SPANISH 28	Inter Conversation	(2)	SPAN 8	Advanced Spanish Conversation	(4)
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 3NS	Intermediate Spanish for Spanish Speakers	(5)
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 3NS &	Intermediate Spanish for Spanish Speakers	(5)
			SPAN 4NS	High-Intermediate Spanish for Spanish Speakers	(5)

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](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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)		CLS 11	Introduction to Chicano (3) - Latino Studies
				OR	
				CLS 14	Sociology of the Mexican (3) American Community Same as: SOC 14
				OR	
				SOC 14	Sociology of the Mexican (3) American Community Same as: CLS 14
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE	
CHICANO 21	Hlth Care Issues	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHICANO 40	Comparative Health	(4)		NO COMPARABLE COURSE	

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)		CLS 20	Chicano Art (3)
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)		PSY 45	Introduction to Research (3) Methods in Psychology
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5)		SPAN 1	Beginning Spanish (5)

SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish	(5)
			SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish	(5)
	OR			OR	
SPANISH 28	Inter Conversation	(2)	SPAN 8	Advanced Spanish	(4)
				Conversation	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 3NS	Intermediate Spanish	(5)
				for Spanish Speakers	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 3NS &	Intermediate Spanish	(5)
				for Spanish Speakers	
			SPAN 4NS	High-Intermediate	(5)
				Spanish for Spanish	
				Speakers	

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

x) CHINESE 1	Elem Chinese	(5)	CHIN 1 & Beginning Chinese	(5)
			CHIN 2 High-Beginning Chinese	(5)
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 COMPARABLE COURSE	
LINGUIS 1	Intro Linguistics	(4)	LING 10 Introduction to Language	(3)
			OR	
			LING 10H Honors Introduction to Language	(3)
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)		FILM 1	Introduction to Film Studies	(3)
	Formerly Humanities 10					
TCULST 1	Intro Technocultural Studies	(4)		NO COMPARABLE COURSE		
TCULST 5	Media Archaeology	(4)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Classical Civilization (Classical & Mediterranean) A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5 Art History 1 (3)
			OR
			ART 5H Honors Art History 1 (3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in 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 40	Economy in Ancient Med	(4)	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)	ENGL 44A World Literature to the Renaissance (3)
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

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

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/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.

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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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Introduction to the Study of Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	Reading and Composition	(4)
				OR		
				ENGL 1AH	Honors Reading and Composition	(4)
<hr/>						
COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Introduction to Public Speaking	(3)
<hr/>						
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science	(5)

Majors II

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 40 <u>OR</u> ECON 40H	Introduction to Microeconomics Honors Introduction to Microeconomics	(3) (3)
ECON 1B	Princ of Macroecon	(4)	ECON 50 <u>OR</u> ECON 50H	Introduction to Macroeconomics Honors Introduction to Macroeconomics	(3) (3)
PSYCH 1	General Psychology	(4)	PSY 2 <u>OR</u> PSY 2H	General Psychology Honors General Psychology	(3) (3)
SOCIOL 1	Intro Sociology	(5)	SOC 1A <u>OR</u> SOC 1AH	Introduction to Sociology Honors Introduction to Sociology	(3) (3)
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about Social Problems	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2 <u>OR</u> ANTHRO 2H	Cultural Anthropology Honors Cultural Anthropology	(3) (3)
STATIST 13	Elementary Statistics	(4)	MATH 11 <u>OR</u> MATH 42	Elementary Statistics Statistics for the Behavioral Sciences	(4) (4)
	Same as: STATIST 13Y			Same as: PSY 42 <u>OR</u> PSY 42	
				Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
				OR		
				LING 10H	Honors Introduction to Language	(3)

COG SCI 1	Intro Cognitive Science	(4)		NO COURSE	ARTICULATED	
	OR			OR		
PHILOS 10	Intro Cognitive Science	(4)		NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
PHILOS 12	Intro to Symbol Logic	(4)		PHIL 6	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)		PSY 2	General Psychology	(3)
				OR		
				PSY 2H	Honors General Psychology	(3)

PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	

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 2018-19 [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)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 32A	Intro to Programming	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	Formerly ENG CS 10				

ENG CS 36A	Programming Formerly ENG CS 30	(4)	OR	CSCI 40	Programming Concepts & Methodology I	(4)
				OR		
				CIT 63	Beginning JAVA Programming	(4)
				OR		
				CIT 66	Beginning C++ Programming	(4)
ENG CS 34	UNIX & C++	(5)		NO COURSE	ARTICULATED	
				OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)		CSCI 41	Programming Concepts & Methodology II	(4)
ENG CS 50	Machine Dependent Prog	(4)		NO COMPARABLE COURSE		
ENG CS 32B	Intro to Data Structures	(4)				
				OR		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)		NO COMPARABLE COURSE		

LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
				OR		
				LING 10H	Honors Introduction to Language	(3)

MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
				OR		
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II	(4)

MATH 22A	Linear Algebra	(3)		MATH 7	Introduction to Differential Equations	(4)
				OR		
				MATH 26	Elementary Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

COG SCI 1	Intro Cognitive Science	(4)		NO COURSE	ARTICULATED	
				OR		
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 6	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)		PSY 2	General Psychology	(3)
				OR		
				PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSY 45	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)		MATH 11	Elementary Statistics	(4)
				OR		
				MATH 42	Statistics for the Behavioral Sciences Same as: PSY 42	(4)
				OR		
				PSY 42	Statistics for the	(4)

Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>			
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>			
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
			<u>OR</u>			
				BIOL 11B	Biology for Science Majors II	(5)

LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
			<u>OR</u>			
				LING 10H	Honors Introduction to Language	(3)

MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>			
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Mathematical Analysis III	(4)

COG SCI 1	Intro Cognitive Science	(4)		NO COURSE ARTICULATED		
	<u>OR</u>		<u>OR</u>			
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		
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PHYSICS 7A	General Physics	(4)		PHYS 2A	& General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	& General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A	& General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
	<u>OR</u>		<u>OR</u>			
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4A	& Physics for Scientists and Engineers	(4)
				PHYS 4B	& Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)

PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists and Engineers	(4)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			OR		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		

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.

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College Foreign Language Requirement Note:

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

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

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

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ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE	
	OR			OR
LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language (3)
			OR	
			LING 10H	Honors Introduction to Language (3)

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking (3)
	OR			OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE	
	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
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B) ENG CS 15	Intro to Computers	(4)	CIT 15	Computer Concepts (3)
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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.

	OR			OR
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 6	Symbolic Logic (3)

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology (3)
			OR	
			PSY 2H	Honors General Psychology (3)

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

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y			OR	
			MATH 42	Statistics for the Behavioral Sciences (4)
			Same as: PSY 42	
			OR	
			PSY 42	Statistics for the Behavioral Sciences (4)

END OF MAJOR

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

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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

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

College (CCC).

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [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)	COMM 1	Introduction to Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature to the Renaissance	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44A & ENGL 44B	World Literature to the Renaissance	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 44B	World Literature since the Renaissance	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			OR		
			ENGL 1AH	Honors Reading and Composition	(4)
UWRITING 48	Style in the Essay	(4)	ENGL 3	Critical Reading & Writing	(3)
Formerly UWRITING 18			OR		
			ENGL 3H	Honors Critical Reading & Writing	(3)
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
Formerly UWRITING 19					
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	AT 10	Technical Computer Applications	(3)
	OR		OR		
B) ENG CS 15	Intro to Computers	(4)	CIT 15	Computer Concepts	(3)

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

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
	<u>OR</u>			<u>OR</u>	
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			<u>OR</u>		
			SOC 1AH	Honors Introduction to Sociology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature to the Renaissance	(3)
	OR			OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44A & ENGL 44B	World Literature to the Renaissance World Literature since the Renaissance	(3) (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 44B	World Literature since the Renaissance	(3)
	OR			OR	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature to the Renaissance	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44A & ENGL 44B	World Literature to the Renaissance World Literature since the Renaissance	(3) (3)
COMPLIT 3	Major Books-The Modern	(4)	ENGL 44B	World Literature since	(3)

	Crisis			the Renaissance
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE	
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE	
COMPLIT 6	Myths & Legends	(4)	ENGL 42	Classic Myths (3) Same as: HUMAN 42
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE	
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE	
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE	
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED:	College has not
	Same as: GERMAN 11			submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE	
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE	
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE	
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED:	College has not
				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 COMPARABLE COURSE	

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than

C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Computer Science & Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [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.

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

Mathematics 21A/B/C

Engineering Computer Science (ENG CS) 20, 30, 50,60

(as of F18 courses ENG CS 20, 36A, 50, 36C may be used to fulfill this requirement)

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			<u>OR</u>		
			MATH 26	Elementary Linear Algebra	(3)
	<u>OR</u>		<u>OR</u>		
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		

ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
	Formerly ENG CS 30				
			<u>OR</u>		
			CIT 63	Beginning JAVA Programming	(4)
			<u>OR</u>		
			CIT 66	Beginning C++ Programming	(4)
ENG CS 36B	Object-Oriented Program	(4)	CSCI 41	Programming Concepts & Methodology II	(4)
	Formerly ENG CS 40				
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		

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

 THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	<u>&</u> Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			<u>OR</u>		
			BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 4A	<u>&</u> Physics for Scientists and Engineers	(4)
			PHYS 4B	<u>&</u> Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)

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

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.

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

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

DESIGN 1	Intro to Design	(4)		NO COMPARABLE COURSE	
DESIGN 14	Design Drawing	(4)		NO COMPARABLE COURSE	
	OR			OR	
DESIGN 21	Drafting and Perspective	(4)		ARCH 10	Architectural Design (3)
					and Visualization I
DESIGN 15	Form & Color	(4)		ART 3	Two-Dimensional Design (3)

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

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(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
UWRITING 12	OR Writing/Visual Rhetoric	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s)for articulation
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 3 Critical Reading & (3) Writing OR ENGL 3H Honors Critical Reading (3) & Writing OR
UWRITING 49	OR Writing Research Papers Formerly UWRITING 19	(4)	OR NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [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)		ART 55	Introduction to Asian Art	(3)
CHINESE 7	Chinese Business Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHINESE 10	Modern Lit (in Engl)	(4)		NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)		NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)		NO COMPARABLE COURSE		
JPNESE 10	Masterworks in English	(4)		NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)		NO COMPARABLE COURSE		
JPNESE 50	Intro to Literature	(4)		NO COMPARABLE COURSE		
Same as: CHINESE 50						
E ASIAN 88	Korean Society	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
REL STD 75	Introduction to Chinese Philosophy	(4)		NO COMPARABLE COURSE		

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

x) CHINESE 1	Elem Chinese	(5)		CHIN 1 &	Beginning Chinese	(5)
				CHIN 2	High-Beginning Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)		NO COMPARABLE COURSE		
	OR			OR		
y) JPNESE 1	Elem Japanese	(5)		JAPAN 1	Beginning Japanese	(5)
y) JPNESE 2	Elem Japanese	(5)		JAPAN 2	High-Beginning Japanese	(5)

END OF MAJOR

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

====Ecological Management and Restoration B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	<u>&</u> Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			<u>OR</u>		
			BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(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 2A	<u>&</u> General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	<u>&</u> General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	<u>&</u> General Physics 1	(4)

|PHYS 2B General Physics 2 (4)

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

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

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

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

Special Advising Note:

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

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

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

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

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

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

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

- Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		

			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	
		OR		OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
		OR		OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

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

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Introduction to the Study of Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 1A	Reading and Composition	(4)
				OR		
				ENGL 1AH	Honors Reading and Composition	(4)
<hr/>						
ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 46A	English Literature to 1800	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)		ENGL 46B	English Literature from 1800 to the Present	(3)
				OR		
				ENGL 48A	Introduction to American Literature to 1865	(3)
ENGLISH 10C	Literatures in English	(4)		ENGL 48B	Introduction to	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 41	Intro Topics Lit & Media	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 43	Intro Topics in Drama	(4)	TA 31 & Theatre History and Dramatic Literature I (3) TA 32 Theatre History and Dramatic Literature II (3)
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE
ENGLISH 45	Intro Topics in Poetry	(4)	NO COMPARABLE COURSE

END OF MAJOR**====Entomology B.S.====****Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	<u>&</u> Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			<u>OR</u>		
			BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29A & Organic Chemistry (2)
			Laboratory I
			CHEM 29B Organic Chemistry Lab (2)
			II
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & Organic Chemistry I (3)
			CHEM 29A & Organic Chemistry (2)
			Laboratory I
			CHEM 28B & Organic Chemistry II (3)
			CHEM 29B Organic Chemistry Lab (2)
			II
MATH 16A	Short Calculus	(3)	MATH 5A Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Mathematical Analysis (4)
			II
MATH 16C	Short Calculus	(3)	MATH 5B Mathematical Analysis (4)
			II
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Mathematical Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Mathematical Analysis (4)
			II
MATH 21C	Calculus	(4)	MATH 6 Mathematical Analysis (4)
			III
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			OR
			MATH 42 Statistics for the (4)
			Behavioral Sciences
			Same as: PSY 42
			OR
			PSY 42 Statistics for the (4)
			Behavioral Sciences
			Same as: MATH 42
	OR		OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
	OR		OR
PL SCI 21	Computers in Technology	(3)	AT 10 Technical Computer (3)
			Applications

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

[UC Davis General Catalog](#) online.

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

ENVHORT 1	Intro Envhort/Urb For	(3)		NO COMPARABLE COURSE	
ENVHORT 6	Intro Environ Plants	(4)		NO COMPARABLE COURSE	
<hr/>					
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
				OR	
				BIOL 11AH	Honors Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
				OR	
				BIOL 11AH	& Honors Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	& General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	& General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
<hr/>					
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENV S&P 10	Current Issues in Environment	(3)		GEOL 12	Environmental Science (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)	AT 10	Technical Computer Applications (3)

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I (5)
OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y			OR	
			MATH 42	Statistics for the Behavioral Sciences (4)
			Same as: PSY 42	
			OR	
			PSY 42	Statistics for the Behavioral Sciences (4)
			Same as: MATH 42	

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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RECOMMENDED COURSES:

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking (3)
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

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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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Introduction to Public Speaking	(3)
	OR				OR	

COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	OR			OR	
DRAMART 10	Intro To Acting	(4)	TA 31 &	Theatre History and Dramatic Literature I	(3)
			TA 32	Theatre History and Dramatic Literature II	(3)
			OR		
			TA 41	Beginning Acting	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 3	Introduction to Life Science	(3.5)
			OR		
			BIOL 3H	Honors Introduction to Life Science	(3.5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		

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

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH &	Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	AT 10	Technical 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 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			OR		
			ECON 50H	Honors Introduction to 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	
g) GEOLOGY 1	The Earth	(4)		GEOL 1	Physical Geology (4)
				<u>OR</u>	
				GEOL 1H	Honors Physical Geology (4)
PL SCI 12	Plants and Society	(4)		NO COMPARABLE COURSE	
	Same as: SCI&SOC 12				
	FORMERLY PLANT BIO 12				
W&F BIO 51	Intro to Conservation Biology	(3)		NO COMPARABLE COURSE	

 ENV S&P 1 Env Analysis (4) | NO COMPARABLE COURSE

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II (4)
				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE	
				<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II (4)

POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government (3)
				<u>OR</u>	
				POLSCI 2H	Honors American Government (3)

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics (4)
	Same as: STATIST 13Y			<u>OR</u>	
				MATH 42	Statistics for the Behavioral Sciences (4)
					Same as: PSY 42
				<u>OR</u>	
				PSY 42	Statistics for the Behavioral Sciences (4)
					Same as: MATH 42
				<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

CLIMATE CHANGE POLICY AREA:

SCI&SOC 25	Global Climate Change	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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END OF MAJOR

g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	OR			OR	
DRAMART 10	Intro To Acting	(4)	TA 31 &	Theatre History and Dramatic Literature I	(3)
			TA 32	Theatre History and Dramatic Literature II	(3)
			OR		
			TA 41	Beginning Acting	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH &	Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4 &	Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
g) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
			OR		
			GEOL 1H	Honors Physical Geology	(4)
	OR			OR	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
g)			OR		
			GEOL 1H	Honors Physical Geology	(4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)
PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)

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

ECON 1A	Princ of Microecon	(4)		ECON 40	Introduction to Microeconomics (3)
				OR	
				ECON 40H	Honors Introduction to Microeconomics (3)

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II (4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II (4)

ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	
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RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
	OR			OR	
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y				OR	
				MATH 42	Statistics for the Behavioral Sciences (4)
				Same as: PSY 42	
				OR	
				PSY 42	Statistics for the Behavioral Sciences (4)
				Same as: MATH 42	

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 (4) | NO COMPARABLE COURSE
Science |

WATERSHED SCIENCE TRACK:

HYDRO S 10 Water, Power, Society (3) | NO COMPARABLE COURSE
Same as: SCI&SOC 10 |
GEOLOGY 35 Rivers (3) | NO COMPARABLE COURSE
LND ARC 60 Landform Grading Studio (6) | NO COMPARABLE COURSE

END OF MAJOR

- g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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:

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	<u>&</u> Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	<u>&</u> General Chemistry	(5)

			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
				OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
				OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 28B &	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
				OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at

UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				OR		
				BIOL 11B	Biology for Science	(5)

Majors II

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(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 2019-20)

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

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

Biological Sciences 2A/B/C

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for	(5)

					Science Majors I	
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
				CHEM 29A	Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A	Organic Chemistry I	(3)
				CHEM 29A	Organic Chemistry Laboratory I	(2)
				CHEM 28B	Organic Chemistry II	(3)
				CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 28A	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
				CHEM 29A	Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)		PHYS 2A	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)

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

PHYSICS 7C	General Physics	(4)		PHYS 2A &	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)

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

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

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				OR		
				MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42		
				OR		
				PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42		

TEX&CL 6	Intro Textiles	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE		
	OR			OR		

ENGIN 45	Prop of Mats	(4)		ENGR 4	Engineering Materials	(3)
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PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
CHEM 129A	Organic Chem Lab	(2)		CHEM 29A &	Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 129B	Organic Chem Lab	(2)		CHEM 29A &	Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)		ECON 40	Introduction to Microeconomics	(3)
				OR		
				ECON 40H	Honors Introduction to Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			OR		
			ECON 50H	Honors Introduction to Macroeconomics	(3)

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)

PL SCI 21	Computers in Technology	(3)	AT 10	Technical Computer Applications	(3)

END OF MAJOR

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

====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:

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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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	Qualitative Analysis General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
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CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	AND		AND		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 28B & CHEM 29A &	Organic Chemistry I Organic Chemistry II Organic Chemistry Laboratory I	(3) (3) (2)
	AND		CHEM 29B	Organic Chemistry Lab II	(2)
	AND		AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A &	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
	OR		CHEM 28B & CHEM 29B	Organic Chemistry II Organic Chemistry Lab II	(3) (2)
	OR		OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
	AND		AND		
CHEM 128B	Organic Chemistry	(3)	CHEM 28A & CHEM 28B	Organic Chemistry I Organic Chemistry II	(3) (3)
	AND		AND		
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A & CHEM 29B	Organic Chemistry Laboratory I Organic Chemistry Lab II	(2) (2)

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)

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

FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		

NUTR 10	Discoveries and Concepts	(3)	FN 40	Nutrition	(3)
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RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:
CHEM 118C Org Chem, Hlth & Sci (4) | CHEM 28A & Organic Chemistry I (3)

			CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Lab II	(2)
	OR				OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 28B		Organic Chemistry II	(3)
	AND				AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Lab II	(2)
	AND				AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Lab II	(2)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

FRENCH 1	Elementary French	(5)	FRENCH 1	Beginning French	(5)
FRENCH 2	Elementary French	(5)	FRENCH 1 & 2	Beginning French	(5)
			FRENCH 2	High-Beginning French	(5)
FRENCH 3	Elementary French	(5)	FRENCH 2	High-Beginning French	(5)
FRENCH 21	Intermed French	(5)	FRENCH 3	Intermediate French	(5)
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
FRENCH 23	Intermed French	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

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

END OF MAJOR

====Gender, Sexuality and Women's Studies A.B.====

Special Advising Note:

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

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

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from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

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

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

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WOM STD 50	Intro Gender Studies	(4)	WSTS 10	Changing Roles of Women	(3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE		
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	AFRAM 1	Introduction to African American Studies	(3)
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE		
AMR STD 30	Amr Images Pop Cult	(4)	AMST 10	American Pluralism: A Search for Common Ground in a Multicultural Society	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)	ASAMER 15	Introduction to Asian-Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAMER 1	Indo-Chinese Americans	(3)
CHICANO 10	Intro to Chic Std	(4)	CLS 11	Introduction to Chicano - Latino Studies	(3)
			OR		
			CLS 14	Sociology of the Mexican American Community	(3)
			Same as: SOC 14		
			OR		
			SOC 14	Sociology of the Mexican American Community	(3)
			Same as: CLS 14		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
HISTORY 72A	Am Women & Gender	(4)	HIST 22	History of American Women	(3)

HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	POLSCI 13	Legal and Judicial Reasoning (3)
PSYCH 1	General Psychology	(4)	PSY 2	General Psychology (3)
			<u>OR</u>	
			PSY 2H	Honors General Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE	
SCI&TEC 2	Intro History of Science	(4)		
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE	
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about 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 COMPARABLE COURSE	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE	
	Formerly UWRITING 19			
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)

			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4 & BIOL 6	Principles of Zoology Principles of Botany	(5) (5)
			<u>OR</u>		
			BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry General Chemistry and Qualitative Analysis	(5) (5)
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 28B & CHEM 29A	Organic Chemistry I Organic Chemistry II Organic Chemistry Laboratory I	(3) (3) (2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A	Organic Chemistry I Organic Chemistry Laboratory I	(3) (2)
			CHEM 28B & CHEM 29B	Organic Chemistry II Organic Chemistry Lab II	(3) (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 28B & CHEM 29A	Organic Chemistry I Organic Chemistry II Organic Chemistry Laboratory I	(3) (3) (2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)

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

GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
c) GEOLOGY 50	Physical Geology	(3)		GEOL 1	Physical Geology (4)
g)				<u>OR</u>	
				GEOL 1H	Honors Physical Geology (4)
c) GEOLOGY 50L	Physical Geol Lab	(2)		GEOL 1	Physical Geology (4)
GEOLOGY 60	Earth Materials:Intro	(4)		NO COMPARABLE COURSE	

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis (4)
				II	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis (4)
				II	

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

PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)

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

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics (4)
Same as: STATIST 13Y				<u>OR</u>	
				MATH 42	Statistics for the (4)
					Behavioral Sciences
				Same as: PSY 42	
				<u>OR</u>	
				PSY 42	Statistics for the (4)
					Behavioral Sciences
				Same as: MATH 42	
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- 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.
- g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for GEOLOGY 1 OR 50, not both.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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b) GEOLOGY 3	History of Life	(3)	GEOL 2	Historical Geology	(3)
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
g)			OR		
			GEOL 1H	Honors Physical Geology	(4)
c) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology	(4)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		
GEOLOGY 62	Optical Mineralogy	(2)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis	(4)
				II	
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis	(4)
				III	

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

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)		PHYS 2A <u>&</u>	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A <u>&</u>	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A <u>&</u>	General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)

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

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)		MATH 6	Mathematical Analysis III	(4)
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4A <u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS 4B <u>&</u>	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)		MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)		MATH 7	Introduction to Differential Equations	(4)
				OR		
				MATH 26	Elementary Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers	(4)

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

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- 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.
- g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GERMAN 1	Elementary German	(5)	GERMAN 1	Beginning German	(5)
GERMAN 2	Elementary German	(5)	GERMAN 1 &	Beginning German	(5)
			GERMAN 2	High-Beginning German	(5)
GERMAN 3	Elementary German	(5)	GERMAN 2	High-Beginning German	(5)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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.

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

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

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

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

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

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

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

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

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

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

GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I (5)
			OR	
			BIOL 11AH	Honors Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I (5)
			BIOL 11B	Biology for Science Majors II (5)
			OR	
			BIOL 11AH	& Honors Biology for Science Majors I (5)
			BIOL 11B	Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology (5)
			BIOL 6	Principles of Botany (5)
			OR	
			BIOL 11B	Biology for Science Majors II (5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 28B & CHEM 29A & CHEM 29B	Organic Chemistry I Organic Chemistry II Organic Chemistry Laboratory I Organic Chemistry Lab II	(3) (3) (2) (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & CHEM 29A & CHEM 28B & CHEM 29B	Organic Chemistry I Organic Chemistry Laboratory I Organic Chemistry II Organic Chemistry Lab II	(3) (2) (3) (2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1 General Physics 2	(4) (4)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

A. AFRICA

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

B. ASIA

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. EUROPE

HISTORY 4A	Western Civ	(4)		HIST 1	Western Civilization to (3)
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1648

OR

HIST 1H Honors Western Civilization to 1648 (3)

HISTORY 4B Western Civ (4)

NO COMPARABLE COURSE

HISTORY 4C Western Civ (4)

HIST 2 Western Civilization Since 1648 (3)

OR

HIST 2H Honors Western Civilization Since 1648 (3)

D. LATIN AMERICA

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)

NO COMPARABLE COURSE

E. MIDDLE EAST

HISTORY 6 Intro to Middle East (4)

NO COMPARABLE COURSE

F. UNITED STATES

HISTORY 17A U.S. History (4)

HIST 11 History of the United States to 1877 (3)

HISTORY 17B U.S. History (4)

HIST 12 History of the United States Since 1877 (3)

HISTORY 18A Race in America to 1865 (4)

NO COURSE ARTICULATED

HISTORY 72A Am Women & Gender (4)

HIST 22 History of American Women (3)

HISTORY 72B Am Women & Gender (4)

NO COMPARABLE COURSE

HISTORY 80 US in the Middle East (2)

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

HISTORY 85 Nat, Man & Mach/Amer (4)

NO COMPARABLE COURSE

G. WORLD

HISTORY 1 Introduction to History (2)

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

HISTORY 2 Intro History of Science (4)

NO COURSE ARTICULATED

HISTORY 3 Cities: Survey of World Cultures (4)

NO COMPARABLE COURSE

HISTORY 10A World History to 1350 (4)

HIST 20 World History I, to 1600 (3)

HISTORY 10B World History 1350-1850 (4)

HIST 20 & World History I, to 1600 (3)

HIST 23 World History II, since 1500 (3)

HISTORY 10C World History III (4)

HIST 23 World History II, since 1500 (3)

HISTORY 11 Hist Jewish People (4)

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

HISTORY 12 Food and History (4)

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

HISTORY 13 Global Sexualities (4)

NO COURSE ARTICULATED

HISTORY 14 Hist Global Capitalism (4)

NO COURSE ARTICULATED

HISTORY 20 The Vietnam War (4)

NO COURSE ARTICULATED

HISTORY 90 Research in History (4)

NO COURSE ARTICULATED

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1	Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
				<u>OR</u>		
				ANTHRO 2H	Honors Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
	<u>OR</u>			<u>OR</u>		
BIOLSCI 10	Everyday Biology	(4)		BIOL 3	Introduction to Life Science	(3.5)
				<u>OR</u>		
				BIOL 3H	Honors Introduction to Life Science	(3.5)
	<u>OR</u>			<u>OR</u>		
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
NE PH B 12	Human Brain and Disease	(3)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)		HIST 11	History of the United States to 1877	(3)
	<u>OR</u>			<u>OR</u>		
HISTORY 17B	U.S. History	(4)		HIST 12	History of the United States Since 1877	(3)
	<u>OR</u>			<u>OR</u>		
HISTORY 72A	Am Women & Gender	(4)		HIST 22	History of American Women	(3)
	<u>OR</u>			<u>OR</u>		
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)
				<u>OR</u>		
				POLSCI 2H	Honors American	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)		PHIL 2	Critical Reasoning and Analytic 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		
<hr/>						
NE PH B 10	Elem Human Physio	(3)		BIOL 22	Human Physiology	(5)
<hr/>						
PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<u>OR</u>		
				PSY 2H	Honors General Psychology	(3)

Select one of the following options:

PSYCH 41	Research Methods	(4)		PSY 45	Introduction to Research Methods in Psychology	(3)
	<u>OR</u>				<u>OR</u>	
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<u>AND</u>				<u>AND</u>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
	<u>OR</u>				<u>OR</u>	
STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE		
	<u>OR</u>				<u>OR</u>	
STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42		
				<u>OR</u>		
				PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42		

END OF MAJOR

===Hydrology B.S.===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
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				<u>OR</u>			
					BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)			BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
					BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>			
					BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
					BIOL 11B	Biology for Science Majors II	(5)

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

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

MATH 21A	Calculus	(4)			MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)			MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)			MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)			MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)			MATH 7	Introduction to Differential Equations	(4)
					<u>OR</u>		
					MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)			MATH 7	Introduction to Differential Equations	(4)

c) GEOLOGY 50	Physical Geology	(3)			GEOL 1	Physical Geology	(4)
g)					<u>OR</u>		
					GEOL 1H	Honors Physical Geology	(4)
c) GEOLOGY 50L	Physical Geol Lab	(2)			GEOL 1	Physical Geology	(4)

ENGIN 6	Engr Prob Solving	(4)			NO COMPARABLE COURSE		

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.**
- g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics (3)
			<u>OR</u>	
			ECON 40H	Honors Introduction to Microeconomics (3)
	AND		AND	
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics (3)
			<u>OR</u>	
			ECON 50H	Honors Introduction to Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics (4)
	Same as: STATIST 13Y		<u>OR</u>	
			MATH 42	Statistics for the Behavioral Sciences (4)
				Same as: PSY 42
			<u>OR</u>	
			PSY 42	Statistics for the Behavioral Sciences (4)
				Same as: MATH 42
	OR		OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I (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)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
NUTR 10	Discoveries and Concepts	(3)	FN 40 Nutrition (3)

PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	<u>&</u> General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			<u>OR</u>		
			SOC 1AH	Honors Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>	
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

			<u>OR</u>		
				BIOL 11AH &	Honors Biology for (5) Science Majors I
				BIOL 11B	Biology for Science (5) Majors II
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to (3) Sociology
				<u>OR</u>	
				SOC 1AH	Honors Introduction to (3) Sociology
ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology (3)
				<u>OR</u>	
				ANTHRO 2H	Honors Cultural (3) Anthropology

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](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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
	<u>OR</u>				
ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 2	Western Civilization Since 1648	(3)
			<u>OR</u>		
			HIST 2H	Honors Western Civilization Since 1648	(3)
	<u>OR</u>				
HISTORY 10C	World History III	(4)	HIST 23	World History II, since 1500	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24	International Relations	(3)
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					
	<u>OR</u>				
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
	<u>OR</u>				
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE		

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

Note: The language curricula are subject to change; please check with an

advisor for the major. A language not listed below may be substituted **only with prior written approval of the International Relations Program Committee.**

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
x) CHINESE 1	Elem Chinese	(5)	CHIN 1 & Beginning Chinese (5) CHIN 2 High-Beginning Chinese (5)
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)	FRENCH 1 Beginning French (5)
FRENCH 2	Elementary French	(5)	FRENCH 1 & Beginning French (5) FRENCH 2 High-Beginning French (5)
FRENCH 3	Elementary French	(5)	FRENCH 2 High-Beginning French (5)
FRENCH 21	Intermed French	(5)	FRENCH 3 Intermediate French (5)
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
GERMAN 1	Elementary German	(5)	GERMAN 1 Beginning German (5)
GERMAN 2	Elementary German	(5)	GERMAN 1 & Beginning German (5) GERMAN 2 High-Beginning German (5)
GERMAN 3	Elementary German	(5)	GERMAN 2 High-Beginning German (5)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
	OR		OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	OR		OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not

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

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

OR			OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Beginning Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish (5)
			SPAN 2	High-Beginning Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish (5)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish (5)
SPANISH 22	Intm Spanish	(5)	SPAN 4	High-Intermediate Spanish (5)
OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 3NS	Intermediate Spanish (5)

SPANISH 32	Int Span Nat Spk II	(5)	SPAN 3NS &	for Spanish Speakers Intermediate Spanish	(5)
			SPAN 4NS	High-Intermediate Spanish for Spanish Speakers	(5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 4NS	High-Intermediate Spanish for Spanish Speakers	(5)

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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE		
Same as: JPNESE 50					
LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language	(3)
			OR		
			LING 10H	Honors Introduction to Language	(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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			OR		
			ENGL 1AH	Honors Reading and Composition	(4)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	ENGL 3	Critical Reading & Writing	(3)
	Formerly UWRITING 18		OR		
			ENGL 3H	Honors Critical Reading & Writing	(3)
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)

ENVHORT 6 Intro Environ Plants (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Formerly ENG CS 10					

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 11	Introductory Physical Science	(3)
g) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
			<u>OR</u>		
			GEOL 1H	Honors Physical Geology	(4)
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	Landscape Rep I	(4)	NO COMPARABLE COURSE		
Formerly Design Visualization					
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

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

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

END OF MAJOR

g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for 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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)		LING 10	Introduction to Language	(3)
				<u>OR</u>		
				LING 10H	Honors Introduction to Language	(3)

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

Special Advising Note:

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

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

Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- Economics 1A/B
- Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		COMM 1	Introduction to Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		NO COMPARABLE COURSE		
<hr/>						
AGRESEC 18	Business Law	(4)		BA 18	Business and the Legal Environment	(4)
<hr/>						
ECON 1A	Princ of Microecon	(4)		ECON 40	Introduction to Microeconomics	(3)
				OR		
				ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 50	Introduction to Macroeconomics	(3)
				OR		
				ECON 50H	Honors Introduction to Macroeconomics	(3)
<hr/>						
PL SCI 21	Computers in Technology	(3)		AT 10	Technical Computer Applications	(3)
	OR				OR	
B) ENG CS 15	Intro to Computers	(4)		CIT 15	Computer Concepts	(3)

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

MGMT 11A	Elem Accounting	(4)	ACCTG 4A	Financial Accounting	(4)
			<u>OR</u>		
			ACCTG 4AH &	Honors Financial Accounting	(4)
			ACCTG 4B	Managerial Accounting	(4)
			<u>OR</u>		
			ACCTG 4BH	Honors Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCTG 4B	Managerial Accounting	(4)
			<u>OR</u>		
			ACCTG 4BH	Honors Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				OR		
				BIOL 11B	Biology for Science Majors II	(5)

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

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	OR			OR		
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)

MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 16	The Oceans	(3)	GEOL 5	Introduction to Oceanography	(3)

END OF MAJOR

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

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

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

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have

already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
	AND			AND	
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C

series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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GEOLOGY 16	The Oceans	(3)	GEOLOGY 5	Introduction to Oceanography	(3)
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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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5)|BIOL 11A Biology for Science (5)

	Earth				Majors I	
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	<u>&</u> Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)

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

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
	<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Mathematical Analysis III	(4)

PHYSICS 7A	General Physics	(4)		PHYS 2A	<u>&</u> General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	<u>&</u> General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A	<u>&</u> General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)

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

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

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
GEOLOGY 16	The Oceans	(3)	GEOL 5	Introduction to (3) Oceanography

END OF MAJOR

====Marine and Coastal Science B.S. (Oceans and the Earth System)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				OR		
				BIOL 11B	Biology for Science Majors II	(5)

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

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)		MATH 5B	Mathematical Analysis II	(4)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	OR			OR		
MATH 21A	Calculus	(4)		MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6	Mathematical Analysis III	(4)

PHYSICS 7A	General Physics	(4)		PHYS 2A	& General Physics 1	(4)
				PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	& General Physics 1	(4)

PHYSICS 7C	General Physics	(4)	PHYS 2B	General Physics 2	(4)
			PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

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

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 16	The Oceans	(3)	GEOL 5	Introduction to Oceanography	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis	(4)
				II	
				III	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis	(4)
				III	
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to	(4)

MATH 22AL Lin Alg Comp Lab (1) | Differential Equations
| 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 7 Introduction to (4)
| Differential Equations

OR

MATH 26 Elementary 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

ENG CS 32A Intro to Programming(4) | NO COURSE ARTICULATED: College has not
Formerly ENG CS 10 | submitted course(s) for articulation

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

END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary 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 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				
	OR		OR		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			OR		
			ECON 50H	Honors Introduction to Macroeconomics	(3)

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary 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		
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ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

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

END OF MAJOR

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

Special Advising Note:

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

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

Requirements, College of Letters and Science.

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

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

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary 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
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ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
	Formerly ENG CS 10			
	OR		OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE	

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

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A	General Physics	(4)	PHYS 2A & 2B	General Physics 1 and 2	(4)
	OR		OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists and Engineers	(4)
	OR		OR		
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	

	<u>OR</u>		
		PSY 42	Statistics for the Behavioral Sciences (4)
			Same as: MATH 42
<u>OR</u>			<u>OR</u>
STATIST 32		Gateway to Data Science	(4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MEDV-ST 20A	Medieval Culture	(5)		NO COMPARABLE COURSE	
MEDV-ST 20B	Medieval Culture	(5)		NO COMPARABLE COURSE	
THREE COURSES FROM THE FOLLOWING:					
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 5 & Art History 1	(3)
				ART 6 Art History 2	(3)
				OR	
				ART 5H & Honors Art History 1	(3)
				ART 6H Honors Art History 2	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 6 Art History 2	(3)
				OR	
				ART 6H Honors Art History 2	(3)
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)		ENGL 44A & World Literature to the Renaissance	(3)
				ENGL 44B World Literature since the Renaissance	(3)
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 46A English Literature to 1800	(3)
GERMAN 48	Myth & Saga	(4)		NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)		HIST 1 Western Civilization to 1648	(3)
				OR	
				HIST 1H Honors Western Civilization to 1648	(3)

HISTORY 4B	Western Civ	(4)	NO COMPARABLE COURSE
HUMAN 1	Humanities Forum	(2)	NO COMPARABLE COURSE
HUMAN 9	Don Quixote	(2)	NO COMPARABLE COURSE
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE
PHILOS 22	Phil Classics: Modern	(4)	NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A <u>&</u>	Biology for Science Majors I	(5)

			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH &	Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4 &	Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

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

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

physics.

END OF MAJOR

====Microbiology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				OR		
				BIOL 11B	Biology for Science Majors II	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A	& Organic Chemistry I	(3)
				CHEM 28B	& Organic Chemistry II	(3)
				CHEM 29A	& Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab	(2)

CHEM 118B	Org Chem, Hlth & Sci	(4)		II		
			CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 28B	&	Organic Chemistry II	(3)
CHEM 118C	Org Chem, Hlth & Sci	(4)		II		
			CHEM 28A	&	Organic Chemistry I	(3)
			CHEM 28B	&	Organic Chemistry II	(3)
			CHEM 29A	&	Organic Chemistry Laboratory I	(2)
			CHEM 29B		Organic Chemistry Lab	(2)
				II		

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II (4)

PHYSICS 7A	General Physics	(4)	PHYS 2A	&	General Physics 1	(4)
			PHYS 2B		General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A	&	General Physics 1	(4)
			PHYS 2B		General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A	&	General Physics 1	(4)
			PHYS 2B		General Physics 2	(4)

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

MIC BIO 91	Intro Research	(1)	NO COURSE ARTICULATED
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RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not

HIN-URD 21	Intermed Hindi/Urdu I	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COMPARABLE COURSE
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	HIST 17 History of the Muslim (3) World to 1405
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COMPARABLE COURSE
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

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

Special Advising Note:

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

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

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MUSIC 2A	Keyboard Competence	(2)	MUS 20	Beginning Piano: Level I	(2)
MUSIC 2B	Keyboard Competence	(2)	MUS 20 & MUS 21	Beginning Piano: Level I	(2)
				Beginning Piano: Level II	(2)
MUSIC 2C	Keyboard Competence	(2)	MUS 21	Beginning Piano: Level II	(2)

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

MUSIC 6A	Elementary Theory	(3)	MUS 1A	Music Theory I	(3)
MUSIC 6B	Elementary Theory	(3)	MUS 1B	Music Theory II	(3)
MUSIC 6C	Elementary Theory	(3)	MUS 2A	Music Theory III	(3)
MUSIC 7A	Intermediate Theory	(3)	MUS 2B	Music Theory IV	(3)
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MUSIC 16A	Elem Musicianship	(2)	MUS 7A	Ear Training I	(1)
MUSIC 16B	Elem Musicianship	(2)	MUS 7B	Ear Training: Level II	(1)
MUSIC 16C	Elem Musicianship	(2)	NO COMPARABLE COURSE		

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

MUSIC 17A	Intermediate Musicianship	(2)	NO COMPARABLE COURSE		
MUSIC 17B	Intermediate Musicianship	(2)	NO COMPARABLE COURSE		
MUSIC 17C	Intermediate Musicianship	(2)	NO COMPARABLE COURSE		

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

MUSIC 24A	Intro Music History	(3)	MUS 13	History of Music	(3)
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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

N A STD 1	Intro NA Studies	(4)	AMIND 32	American Indian History	(3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
	OR			OR	
N A STD 12	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not		

Film | 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)	AMIND 35 American Indian Art (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	(5)	ANTHRO 2 Cultural Anthropology (3)
			<u>OR</u>
			ANTHRO 2H Honors Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	ASAMER 15 Introduction to Asian-Americans (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAMER 1 Indo-Chinese Americans (3)
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)	CLS 11 Introduction to Chicano - Latino Studies (3)
			<u>OR</u>
			CLS 14 Sociology of the Mexican American Community (3)
			Same as: SOC 14
			<u>OR</u>
			SOC 14 Sociology of the Mexican American Community (3)
			Same as: CLS 14
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)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	GEOL 12 Environmental Science (3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COMPARABLE COURSE
HISTORY 7B	Latin America 1700-1900	(4)	NO COMPARABLE COURSE
HISTORY 7C	Latin America 1900-Present	(4)	NO COMPARABLE COURSE
HISTORY 17A	U.S. History	(4)	HIST 11 History of the United States to 1877 (3)
LINGUIS 1	Intro Linguistics	(4)	LING 10 Introduction to Language (3)
			<u>OR</u>
			LING 10H Honors Introduction to Language (3)

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the

2018-19 application cycle.

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab	(2)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A & II CHEM 29A & Organic Chemistry I (3) Organic Chemistry Laboratory I (2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28B & Organic Chemistry II (3) CHEM 29B Organic Chemistry Lab (2) II CHEM 28A & Organic Chemistry I (3) CHEM 28B & Organic Chemistry II (3) CHEM 29A & Organic Chemistry Laboratory I (2) CHEM 29B Organic Chemistry Lab (2) II

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Mathematical Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B Mathematical Analysis II (4)

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics 1 (4) PHYS 2B General Physics 2 (4)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics 1 (4) PHYS 2B General Physics 2 (4)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics 1 (4) PHYS 2B General Physics 2 (4)

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science	(5)

					Majors II	
				<u>OR</u>		
				BIOL 11AH	&	Honors Biology for Science Majors I (5)
				BIOL 11B		Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	&	Principles of Zoology (5)
				BIOL 6		Principles of Botany (5)
				<u>OR</u>		
				BIOL 11B		Biology for Science Majors II (5)

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry (5)
				CHEM 1B		General Chemistry and Qualitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry (5)
				CHEM 1B		General Chemistry and Qualitative Analysis (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry (5)
				CHEM 1B		General Chemistry and Qualitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A	&	Organic Chemistry I (3)
				CHEM 28B	&	Organic Chemistry II (3)
				CHEM 29A	&	Organic Chemistry Laboratory I (2)
				CHEM 29B		Organic Chemistry Lab II (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A	&	Organic Chemistry I (3)
				CHEM 29A	&	Organic Chemistry Laboratory I (2)
				CHEM 28B	&	Organic Chemistry II (3)
				CHEM 29B		Organic Chemistry Lab II (2)
				<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)		CHEM 28A	&	Organic Chemistry I (3)
				CHEM 28B		Organic Chemistry II (3)
CHEM 128B	Organic Chemistry	(3)		CHEM 28A	&	Organic Chemistry I (3)
				CHEM 28B		Organic Chemistry II (3)
CHEM 129A	Organic Chem Lab	(2)		CHEM 29A	&	Organic Chemistry Laboratory I (2)
				CHEM 29B		Organic Chemistry Lab II (2)

NUTR 10	Discoveries and Concepts	(3)		FN 40		Nutrition (3)

PSYCH 41	Research Methods	(4)		PSY 45		Introduction to Research Methods in Psychology (3)
				<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	(5)		ANTHRO 2		Cultural Anthropology (3)
				<u>OR</u>		
				ANTHRO 2H		Honors Cultural Anthropology (3)
				<u>OR</u>		

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			<u>OR</u>		
			SOC 1AH	Honors Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about Social Problems	(3)

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			<u>OR</u>		
			SOC 1AH	Honors Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about Social Problems	(3)

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		

Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE

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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and	(5)
				Qualitative Analysis	
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 4A	Physics for Scientists	(4)
				and Engineers	
PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4B &	Physics for Scientists	(4)
				and Engineers	
			PHYS 4C	Physics for Scientists	(4)

PHYSICS 9C	Classical Physics	(5)	PHYS 4B	and Engineers Physics for Scientists and Engineers	(4)
MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
	OR			OR	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 28B	& Organic Chemistry II	(3)

			CHEM 29B	Organic Chemistry Lab (2)	II
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I (3)	
			CHEM 28B &	Organic Chemistry II (3)	
			CHEM 29A &	Organic Chemistry (2)	
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab (2)	II
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I (3)	
			CHEM 28B	Organic Chemistry II (3)	
CHEM 128B	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I (3)	
			CHEM 28B	Organic Chemistry II (3)	
CHEM 128C	Organic Chemistry	(3)	CHEM 28A &	Organic Chemistry I (3)	
			CHEM 28B	Organic Chemistry II (3)	
CHEM 129A	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry (2)	
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab (2)	II
CHEM 129B	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry (2)	
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab (2)	II
CHEM 129C	Organic Chem Lab	(2)	CHEM 29A &	Organic Chemistry (2)	
				Laboratory I	
			CHEM 29B	Organic Chemistry Lab (2)	II

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 2018-19 [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 6 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1 Intro to Philos (4) | PHIL 1A Theories of Knowledge and Reality (3)
| **OR**
| PHIL 1AH Honors Theories of Knowledge and Reality (3)

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) | NO COMPARABLE COURSE

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) | NO COMPARABLE COURSE

d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp w/Disc (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

e. ETHICS:

PHILOS 14 Eth Soc Prob in Soc (4) | PHIL 1C Ethics (3)
OR
PHILOS 15 Intro to Bioethics (4) | NO COMPARABLE COURSE
OR
PHILOS 24 Intro to Ethics (4) | PHIL 1B Social and Political Philosophy (3)
| **OR**
| PHIL 1C Ethics (3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE	
	OR				OR
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE	
	OR				OR
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE	
	OR				OR
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE	

g. **PHILOSOPHY OF LANGUAGE**

PHILOS 17	Language, Thought & World	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 1C Ethics	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE	
PHILOS 16	Phil Foundations of Amer Democ	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)		PHIL 2 Critical Reasoning and Analytic Writing	(3)
PHILOS 12	Intro to Symbol Logic	(4)		PHIL 6 Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 1B Social and Political Philosophy	(3)
				<u>OR</u>	
				PHIL 1C Ethics	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)		PHIL 1B Social and Political Philosophy	(3)
				<u>OR</u>	
				PHIL 1C Ethics	(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 6 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

====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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A Classical Physics (5)|PHYS 4A Physics for Scientists (4)

PHYSICS 9B	Classical Physics	(5)	PHYS 4A &	and Engineers Physics for Scientists (4) and Engineers
			PHYS 4B &	Physics for Scientists (4) and Engineers
			PHYS 4C	Physics for Scientists (4) and Engineers
PHYSICS 9C	Classical Physics	(5)	PHYS 4B	Physics for Scientists (4) and Engineers
PHYSICS 9D	Modern Physics	(4)	PHYS 4A &	Physics for Scientists (4) and Engineers
			PHYS 4B &	Physics for Scientists (4) and Engineers
			PHYS 4C	Physics for Scientists (4) and Engineers
	OR			OR
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE	

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I (5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis (4) II
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis (4) III
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis (4) III
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to (4) Differential Equations
			OR	
			MATH 26	Elementary Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to (4) Differential Equations

PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)		PHYS 4A	Physics for Scientists and Engineers	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 4A &	Physics for Scientists and Engineers	(4)
				PHYS 4B &	Physics for Scientists and Engineers	(4)
				PHYS 4C	Physics for Scientists and Engineers	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 4B	Physics for Scientists and Engineers	(4)

PHYSICS 9D	Modern Physics	(4)	PHYS 4A &	Physics for Scientists and Engineers	(4)
			PHYS 4B &	Physics for Scientists and Engineers	(4)
			PHYS 4C	Physics for Scientists and Engineers	(4)
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 7	Introduction to Differential Equations	(4)

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE		
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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4	& Principles of Zoology	(5)
				BIOL 6	Principles of Botany	(5)
				<u>OR</u>		
				BIOL 11B	Biology for Science Majors II	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 42	Statistics for the Behavioral Sciences	(4)
					Same as: PSY 42	
				<u>OR</u>		
				PSY 42	Statistics for the Behavioral Sciences	(4)
					Same as: MATH 42	

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and	(5)
					Qualitative Analysis	

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			OR		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			OR		
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
			OR		
			BIOL 11B	Biology for Science Majors II	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)

			CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 28A &	Organic Chemistry I	(3)
			CHEM 28B &	Organic Chemistry II	(3)
			CHEM 29A &	Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation

and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				OR		
				BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A	& Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)
				OR		
				BIOL 11AH	& Honors Biology for Science Majors I	(5)
				BIOL 11B	Biology for Science Majors II	(5)

PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
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CHEM 2A	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1A	& General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A	& Organic Chemistry I	(3)
				CHEM 28B	& Organic Chemistry II	(3)
				CHEM 29A	& Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A	& Organic Chemistry I	(3)
				CHEM 29A	& Organic Chemistry Laboratory I	(2)
				CHEM 28B	& Organic Chemistry II	(3)
				CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 28A	& Organic Chemistry I	(3)
				CHEM 28B	& Organic Chemistry II	(3)
				CHEM 29A	& Organic Chemistry Laboratory I	(2)
				CHEM 29B	Organic Chemistry Lab II	(2)

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis	(4)

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	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics 1	(4)
			PHYS 2B	General Physics 2	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

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		

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)
	OR			OR	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://tag.ucdavis.edu). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)
			OR		
			POLSCI 2H	Honors American Government	(3)

THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSCI 3	Introduction to Political Theory and Thought	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	POLSCI 13	Legal and Judicial Reasoning	(3)

POL SCI 51	Scientific Study of Politics	(4)	NO COMPARABLE COURSE		
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ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s)for articulation		
	SOCIOL 12Y				
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)		POLSCI 2	American Government	(3)
				OR		
				POLSCI 2H	Honors American Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSCI 24	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLSCI 3	Introduction to Political Theory and Thought	(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)		POLSCI 2	American Government	(3)
				<u>OR</u>		
				POLSCI 2H	Honors American Government	(3)
POL SCI 2	Intro Comp Politics	(4)		POLSCI 5	Comparative Government	(3)
POL SCI 3	Internatl Relations	(4)		POLSCI 24	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLSCI 3	Introduction to Political Theory and Thought	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		POLSCI 13	Legal and Judicial Reasoning	(3)
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 COMPARABLE COURSE		

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					
	<u>OR</u>			<u>OR</u>		
STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42		
				<u>OR</u>		
				PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42		
	<u>OR</u>			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA

of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<u>OR</u>		
				PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSY 45	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 42	Statistics for the Behavioral Sciences	(4)
					Same as: PSY 42	
				<u>OR</u>		
				PSY 42	Statistics for the Behavioral Sciences	(4)
					Same as: MATH 42	

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>		
				BIOL 11AH	Honors Biology for Science Majors I	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 3	Introduction to Life Science	(3.5)
				<u>OR</u>		
				BIOL 3H	Honors Introduction to Life Science	(3.5)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1	Biological Anthropology	(3)
				<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)		BIOL 22	Human Physiology	(5)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			OR		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
			OR		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 10	Topics,Nonscientists	(4)	PHYSIC 11	Introductory Physical Science	(3)
			OR		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 11A	Biology for Science Majors I (5)
				OR	
				BIOL 11AH	Honors Biology for Science Majors I (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 11A &	Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
				OR	
				BIOL 11AH &	Honors Biology for Science Majors I (5)
				BIOL 11B	Biology for Science Majors II (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4 &	Principles of Zoology (5)
				BIOL 6	Principles of Botany (5)
				OR	
				BIOL 11B	Biology for Science Majors II (5)

CHEM 2A	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and Qualitative Analysis (5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B &	Organic Chemistry II (3)
				CHEM 29A &	Organic Chemistry Laboratory I (2)
				CHEM 29B	Organic Chemistry Lab II (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 29A &	Organic Chemistry Laboratory I (2)
				CHEM 28B &	Organic Chemistry II (3)
				CHEM 29B	Organic Chemistry Lab II (2)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B	Organic Chemistry II (3)
CHEM 128B	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I (3)
				CHEM 28B	Organic Chemistry II (3)

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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 45	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
Formerly ENG CS 30			<u>OR</u>		
			CIT 63	Beginning JAVA Programming	(4)
			<u>OR</u>		
			CIT 66	Beginning C++ Programming	(4)
			<u>OR</u>		
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Formerly ENG CS 10					

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 COMPARABLE COURSE

	OR			OR	
CHEM 2A	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and (5)
					Qualitative Analysis
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry (5)
				CHEM 1B	General Chemistry and (5)
					Qualitative Analysis
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	

PHYSICS 10	Topics, Nonscientists	(4)		PHYS 11	Introductory Physical (3)
					Science
	OR			OR	
PHYSICS 10C	Physics of California	(3)		NO COURSE ARTICULATED:	College has not
				submitted course(s)	for articulation
	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)
PHYSICS 7B	General Physics	(4)		PHYS 2A &	General Physics 1 (4)
				PHYS 2B	General Physics 2 (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 11A	Biology for Science (5)
					Majors I
				OR	
				BIOL 11AH	Honors Biology for (5)
					Science Majors I

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 3	Introduction to Life (3.5)
					Science
				OR	
				BIOL 3H	Honors Introduction (3.5)
					to Life Science

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 1	Biological (3)
					Anthropology
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE	
	OR			OR	
NE PH B 10	Elem Human Physio	(3)		BIOL 22	Human Physiology (5)

END OF MAJOR

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [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 1D	World Religions	(3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE		
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE		
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE		
REL STD 1D	Conversion	(4)	NO COMPARABLE COURSE		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE ARTICULATED		
REL STD 6	Intro Health Humanities	(4)	NO COURSE ARTICULATED		
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 60	Introduction to Islam	(4)	HIST 17 History of the Muslim World to 1405 (3)
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COMPARABLE COURSE
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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](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 2018-19 [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 COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(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
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		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
				OR		
				SOC 1AH	Honors Introduction to Sociology	(3)

SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE	
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)		SOC 1B	Critical Thinking about Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 2	American Minority Groups	(3)
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
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 COMPARABLE COURSE
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
				<u>OR</u>		
				ANTHRO 2H	Honors Cultural Anthropology	(3)
				<u>OR</u>		
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 1	Western Civilization to 1648	(3)
				<u>OR</u>		
				HIST 1H	Honors Western Civilization to 1648	(3)
HISTORY 4B	Western Civ	(4)		NO COMPARABLE COURSE		
HISTORY 4C	Western Civ	(4)		HIST 2	Western Civilization Since 1648	(3)
				<u>OR</u>		
				HIST 2H	Honors Western Civilization Since 1648	(3)
HISTORY 6	Intro to Middle East	(4)		NO COMPARABLE COURSE		
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)		NO COMPARABLE COURSE		
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 23	World History II, since 1500	(3)
HISTORY 15A	Africa to 1900	(4)		NO COURSE ARTICULATED		
HISTORY 15B	Africa Today	(4)		NO COURSE ARTICULATED		
HISTORY 17A	U.S. History	(4)		HIST 11	History of the United States to 1877	(3)
HISTORY 17B	U.S. History	(4)		HIST 12	History of the United States Since 1877	(3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)		PHIL 2	Critical Reasoning and Analytic Writing	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 1C	Ethics	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 1B	Social and Political Philosophy	(3)
				<u>OR</u>		
				PHIL 1C	Ethics	(3)

END OF MAJOR

====Sociology A.B. (Comparative Studies and World Development)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
				<u>OR</u>		
				SOC 1AH	Honors Introduction to Sociology	(3)

SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
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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 50	Introduction to Macroeconomics	(3)
				<u>OR</u>		
				ECON 50H	Honors Introduction to Macroeconomics	(3)

ANTHRO 2	Cultural Anthropology	(5)		ANTHRO 2	Cultural Anthropology	(3)
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				<u>OR</u>			
					ANTHRO 2H	Honors Cultural Anthropology	(3)
				<u>OR</u>			
ANTHRO 20	Comparative Cultures	(4)			NO COMPARABLE COURSE		

HISTORY 10C	World History III	(4)			HIST 23	World History II, since 1500	(3)
				<u>OR</u>			
POL SCI 2	Intro Comp Politics	(4)			POLSCI 5	Comparative Government	(3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====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](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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			OR		
			SOC 1AH	Honors Introduction to Sociology	(3)

SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about Social Problems	(3)
			OR		
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 2	American Minority Groups	(3)
			OR		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
			AND		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLSCI 2	American Government	(3)
			OR		
			POLSCI 2H	Honors American Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSCI 24	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSCI 3	Introduction to Political Theory and Thought	(3)
POL SCI 7	Law & Politics	(4)	POLSCI 13	Legal and Judicial Reasoning	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 1	Western Civilization to 1648	(3)
			OR		
			HIST 1H	Honors Western Civilization to 1648	(3)
HISTORY 4B	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4C	Western Civ	(4)	HIST 2	Western Civilization Since 1648	(3)
			OR		
			HIST 2H	Honors Western Civilization Since 1648	(3)
HISTORY 6	Intro to Middle East	(4)	NO COMPARABLE COURSE		
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)	NO COMPARABLE COURSE		
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 23	World History II, since 1500 (3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE	ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE	ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 11	History of the United States to 1877 (3)
HISTORY 17B	U.S. History	(4)	HIST 12	History of the United States Since 1877 (3)

PHILOS 5	Critical Reasoning	(4)	PHIL 2	Critical Reasoning and Analytic Writing (3)
	OR			OR
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 1C	Ethics (3)
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 1B	Social and Political Philosophy (3)
			OR	
			PHIL 1C	Ethics (3)

END OF MAJOR

====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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			OR		
			SOC 1AH	Honors Introduction to Sociology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about 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)	PSY 2	General Psychology	(3)
			OR		
			PSY 2H	Honors General Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	AFRAM 1	Introduction to African American Studies	(3)
AF-AMST 15	Intro Afro Amer Hum	(4)	AFRAM 17	African-American Literature	(3)
			Same as: ENGL 17		
A A STD 1	Hist Exp Asian Am	(4)	ASAMER 15	Introduction to Asian-Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	ASAMER 1	Indo-Chinese Americans	(3)
CHICANO 10	Intro to Chic Std	(4)	CLS 11	Introduction to Chicano - Latino Studies	(3)
			OR		
			CLS 14	Sociology of the Mexican American Community	(3)
			Same as: SOC 14		
			OR		
			SOC 14	Sociology of the Mexican American Community	(3)
			Same as: CLS 14		
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)	AMIND 32	American Indian History	(3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 2	American Minority Groups	(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 COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1A	Introduction to Sociology	(3)
				OR		
				SOC 1AH	Honors Introduction to Sociology	(3)
				AND		
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnnty	(4)		SOC 2	American Minority Groups	(3)
				OR		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
				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 40	Introduction to Microeconomics (3)
			OR	
			ECON 40H	Honors Introduction to Microeconomics (3)
	AND		AND	
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics (3)
			OR	
			ECON 50H	Honors Introduction to 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](http://ucdavis.edu/transfer-admission-website). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Beginning Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Beginning Spanish	(5)
			SPAN 2	High-Beginning Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	High-Beginning Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4	High-Intermediate Spanish	(5)
SPANISH 23	Span Comp I	(4)	SPAN 5	The Short Story: Mexico, Spain, and the U.S.	(4)
SPANISH 24	Span Comp II	(4)	SPAN 6	The Short Story: Latin America	(4)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 3NS	Intermediate Spanish for Spanish Speakers	(5)
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 3NS &	Intermediate Spanish for Spanish Speakers	(5)
			SPAN 4NS	High-Intermediate Spanish for Spanish Speakers	(5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 4NS	High-Intermediate Spanish for Spanish Speakers	(5)

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)	LING 10	Introduction to Language	(3)
			OR		
			LING 10H	Honors Introduction to Language	(3)

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)
ENG CS 32A	Intro to Programming	(4)	Formerly ENG CS 10	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
ENG CS 36A	Programming	(4)	Formerly ENG CS 30	CSCI 40	Programming Concepts & Methodology I (4)
				OR	

			CIT 63	Beginning JAVA	(4)
				Programming	
			<u>OR</u>		
			CIT 66	Beginning C++	(4)
				Programming	
	<u>OR</u>		<u>OR</u>		
ENG CS 36B	Object-Oriented Program	(4)	CSCI 41	Programming Concepts &	(4)
Formerly ENG CS 40				Methodology II	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A Short Calculus (3) | MATH 5A Mathematical Analysis I (5)

MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
MATH 16C	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)

ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
			OR		
			CIT 63	Beginning JAVA Programming	(4)
			OR		
			CIT 66	Beginning C++ Programming	(4)
	OR			OR	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts & Methodology II	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11	Elementary Statistics	(4)
			OR		
			MATH 42	Statistics for the Behavioral Sciences Same as: PSY 42	(4)
			OR		
			PSY 42	Statistics for the Behavioral Sciences Same as: MATH 42	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 60				

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language

deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 11 Elementary Statistics (4)
Same as: STATIST 13Y			OR
			MATH 42 Statistics for the (4)
			Behavioral Sciences
			Same as: PSY 42
			OR
			PSY 42 Statistics for the (4)
			Behavioral Sciences
			Same as: MATH 42
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)

MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			<u>OR</u>		
			MATH 26	Elementary Linear Algebra	(3)
			<u>OR</u>		
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		

ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
			<u>OR</u>		
			CIT 63	Beginning JAVA Programming	(4)
			<u>OR</u>		
			CIT 66	Beginning C++ Programming	(4)
			<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts & Methodology II	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 11	Elementary Statistics	(4)
			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 5A	Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)	MATH 6	Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)	MATH 7	Introduction to Differential Equations	(4)
			OR		
			MATH 26	Elementary Linear Algebra	(3)

ENG CS 32A	Intro to Programming	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	Formerly ENG CS 10				
	OR				
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
	Formerly ENG CS 30				
			OR		
			CIT 63	Beginning JAVA Programming	(4)
			OR		
			CIT 66	Beginning C++ Programming	(4)
	OR				
				OR	

ENG CS 36B Formerly ENG CS 40	Object-Oriented Program	(4)	CSCI 41	Programming Concepts & Methodology II	(4)

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	OR		OR		
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
			OR		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR		
			PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
	OR		OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is

AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & CHEM 1B	General Chemistry and Qualitative Analysis	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A & BIOL 11B	Biology for Science Majors I and II	(5)
			OR		
			BIOL 11AH & BIOL 11B	Honors Biology for Science Majors I and II	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
	OR		OR
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
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ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 1C	Ethics	(3)
	OR		OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		

PHILOS 24	OR Intro to Ethics	(4)	PHIL 1B	OR Social and Political Philosophy	(3)
			OR PHIL 1C	Ethics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR ANTHRO 2H	Honors Cultural Anthropology	(3)
POL SCI 4	OR Bas Cnpt/Pol Thry	(4)	POLSCI 3	OR Introduction to Political Theory and Thought	(3)
SOCIOL 1	OR Intro Sociology	(5)	SOC 1A	OR Introduction to Sociology	(3)
			OR SOC 1AH	Honors Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	SOC 1B	OR Critical Thinking about Social Problems	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHIL 2	Critical Reasoning and Analytic Writing	(3)
PHILOS 31	OR Scientific Reason	(4)	OR NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 1C	Ethics	(3)
PHILOS 15	OR Intro to Bioethics	(4)	OR NO COMPARABLE COURSE		
PHILOS 24	OR Intro to Ethics	(4)	PHIL 1B	OR Social and Political Philosophy	(3)
			OR PHIL 1C	Ethics	(3)
SOCIOL 46B	Intro Social Rsch	(5)	OR NO COMPARABLE COURSE		
STATIST 13	OR Elementary Statistics	(4)	MATH 11	OR Elementary Statistics	(4)
Same as: STATIST 13Y			OR MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			OR PSY 42	Statistics for the Behavioral Sciences	(4)
			Same as: MATH 42		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3	Introduction to Life Science	(3.5)
			OR BIOL 3H	Honors Introduction to Life Science	(3.5)
PL SCI 2	Bot Physio Cul Plt	(4)	OR NO COMPARABLE COURSE		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u>	Biology for Science Majors I	(5)
			BIOL 11B		Biology for Science Majors II	(5)
				<u>OR</u>		
			BIOL 11AH	<u>&</u>	Honors Biology for Science Majors I	(5)
			BIOL 11B		Biology for Science Majors II	(5)
				<u>OR</u>		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE			
				<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE			
	Same as: ENV SC&M 30			<u>OR</u>		
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE			
				<u>OR</u>		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE			

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 40		Introduction to Microeconomics	(3)
				<u>OR</u>		
			ECON 40H		Honors Introduction to Microeconomics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSCI 3		Introduction to Political Theory and Thought	(3)
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ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2		Cultural Anthropology	(3)
				<u>OR</u>		
			ANTHRO 2H		Honors Cultural Anthropology	(3)
				<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)	SOC 1A		Introduction to Sociology	(3)
				<u>OR</u>		
			SOC 1AH		Honors Introduction to Sociology	(3)
				<u>OR</u>		
SOCIOL 3	Social Problems	(4)	SOC 1B		Critical Thinking about Social Problems	(3)

CM&RGDE 1 The Community (4) | NO COMPARABLE COURSE

CM&RGDE 2 Ethnicity Amer Comm (4) | NO COMPARABLE COURSE

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 5A		Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B		Mathematical Analysis II	(4)

SOCIOL 46B Intro Social Rsch (5) | NO COMPARABLE COURSE

				<u>OR</u>		
STATIST 13	Elementary Statistics	(4)	MATH 11		Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		

			MATH 42	Statistics for the Behavioral Sciences	(4)
				Same as: PSY 42	
			<u>OR</u>		
			PSY 42	Statistics for the Behavioral Sciences	(4)
				Same as: MATH 42	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 3	Introduction to Life Science	(3.5)
			<u>OR</u>		
			BIOL 3H	Honors Introduction to Life Science	(3.5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A &	Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH &	Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		
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 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSCI 3	Introduction to Political Theory and Thought	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural	(3)

	OR			Anthropology	
SOCIOL 1	Intro Sociology	(5)	SOC 1A	Introduction to Sociology	(3)
			OR		
			SOC 1AH	Honors Introduction to Sociology	(3)
	OR				
SOCIOL 3	Social Problems	(4)	SOC 1B	Critical Thinking about Social Problems	(3)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 1C	Ethics	(3)
	OR				
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR				
PHILOS 24	Intro to Ethics	(4)	PHIL 1B	Social and Political Philosophy	(3)
			OR		
			PHIL 1C	Ethics	(3)

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			OR		
			ENGL 1AH	Honors Reading and Composition	(4)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	ENGL 3	Critical Reading & Writing	(3)
	Formerly UWRITING 18				
			OR		
			ENGL 3H	Honors Critical Reading & Writing	(3)
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 11A	& Biology for Science	(5)

& Evolution

BIOL 11B	Majors I Biology for Science (5) Majors II
<u>OR</u>	
BIOL 11AH &	Honors Biology for (5) Science Majors I
BIOL 11B	Biology for Science (5) Majors II

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	Landscape Rep I	(4)	NO COMPARABLE COURSE
	Formerly Design Visualization		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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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from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)		AT 10	Technical Computer Applications	(3)
	OR				OR	
B) ENG CS 15	Intro to Computers	(4)		CIT 15	Computer Concepts	(3)
	OR				OR	
ENG CS 36A	Programming	(4)		CSCI 40	Programming Concepts & Methodology I	(4)
Formerly ENG CS 30				<u>OR</u>		
				CIT 63	Beginning JAVA Programming	(4)
				<u>OR</u>		
				CIT 66	Beginning C++ Programming	(4)

Please note that the community college's computer science courses

may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			<u>OR</u>		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			<u>OR</u>		
			ECON 50H	Honors Introduction to Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
			<u>OR</u>		
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5	Art History 1	(3)
			<u>OR</u>		
			ART 5H	Honors Art History 1	(3)
			<u>OR</u>		
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 &	Art History 1	(3)
			ART 6	Art History 2	(3)
			<u>OR</u>		
			ART 5H &	Honors Art History 1	(3)
			ART 6H	Honors Art History 2	(3)
			<u>OR</u>		
ARTHI 1C	Baroque to Modern Art	(4)	ART 6	Art History 2	(3)
			<u>OR</u>		
			ART 6H	Honors Art History 2	(3)
			<u>OR</u>		
ARTHI 1D	Arts of Asia	(4)	ART 55	Introduction to Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 11	Introductory Physical Science	(3)

PSYCH 1	General Psychology	(4)	PSY 2	General Psychology	(3)
			<u>OR</u>		
			PSY 2H	Honors General Psychology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	MATH 11	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 42	Statistics for the Behavioral Sciences	(4)
			Same as: PSY 42		
			<u>OR</u>		
			PSY 42	Statistics for the	(4)

Behavioral Sciences
Same as: MATH 42

TEX&CL 6	Intro Textiles	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
MGMT 11A	Elem Accounting	(4)	ACCTG 4A Financial Accounting (4) <u>OR</u> ACCTG 4AH & Honors Financial Accounting (4)
			ACCTG 4B Managerial Accounting (4) <u>OR</u> ACCTG 4BH Honors Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	ACCTG 4B Managerial Accounting (4) <u>OR</u> ACCTG 4BH Honors Managerial Accounting (4)
CHEM 10	Concept of Chem <u>OR</u>	(4)	NO COMPARABLE COURSE <u>OR</u>
CHEM 2A	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry and Qualitative Analysis (5)
MATH 16A	Short Calculus	(3)	MATH 5A Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)	MATH 5B Mathematical Analysis II (4)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BA 18 Business and the Legal Environment (4)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
MATH 16C	Short Calculus	(3)	MATH 5B Mathematical Analysis II (4)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	AT 10	Technical Computer Applications	(3)
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIT 15	Computer Concepts	(3)
	OR			OR	
ENG CS 36A	Programming	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
Formerly ENG CS 30					
			OR		
			CIT 63	Beginning JAVA Programming	(4)
			OR		
			CIT 66	Beginning C++ Programming	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON 40	Introduction to Microeconomics	(3)
			OR		
			ECON 40H	Honors Introduction to Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 50	Introduction to Macroeconomics	(3)
			OR		
			ECON 50H	Honors Introduction to Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHRO 2	Cultural Anthropology	(3)
			OR		
			ANTHRO 2H	Honors Cultural Anthropology	(3)
			OR		
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
			OR		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 5	Art History 1	(3)
			OR		
			ART 5H	Honors Art History 1	(3)
			OR		
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 5 &	Art History 1	(3)
			ART 6	Art History 2	(3)
			OR		
			ART 5H &	Honors Art History 1	(3)
			ART 6H	Honors Art History 2	(3)
			OR		
ARTHI 1C	Baroque to Modern Art	(4)	ART 6	Art History 2	(3)

			<u>OR</u>	ART 6H	Honors Art History 2	(3)
	<u>OR</u>				<u>OR</u>	
ARTHI 1D	Arts of Asia	(4)		ART 55	Introduction to Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
	<u>OR</u>				<u>OR</u>	
PHYSICS 10	Topics, Nonscientists	(4)		PHYS 11	Introductory Physical Science	(3)

PSYCH 1	General Psychology	(4)		PSY 2	General Psychology	(3)
				<u>OR</u>		
				PSY 2H	Honors General Psychology	(3)

SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)		MATH 11	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 42	Statistics for the Behavioral Sciences	(4)
					Same as: PSY 42	
				<u>OR</u>		
				PSY 42	Statistics for the Behavioral Sciences	(4)
					Same as: MATH 42	

TEX&CL 6	Intro Textiles	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I	(5)
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RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)		BA 18	Business and the Legal Environment	(4)
CHEM 2C	Genl Chemistry	(5)		CHEM 1A &	General Chemistry	(5)
				CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 128A	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
CHEM 128B	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
CHEM 128C	Organic Chemistry	(3)		CHEM 28A &	Organic Chemistry I	(3)
				CHEM 28B	Organic Chemistry II	(3)
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)		ACCTG 4A	Financial Accounting	(4)
				<u>OR</u>		
				ACCTG 4AH &	Honors Financial Accounting	(4)

				ACCTG 4B	Managerial Accounting (4)
				<u>OR</u>	
				ACCTG 4BH	Honors Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)		ACCTG 4B	Managerial Accounting (4)
				<u>OR</u>	
				ACCTG 4BH	Honors Managerial Accounting (4)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II (4)
MATH 16C	Short Calculus	(3)		MATH 5B	Mathematical Analysis II (4)
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 2018-19 [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.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)	TA 42	Beginning Acting for Theatre Majors	(3)
DRAMART 40A	Beg Modern Dance	(2)	DANCE 10A	Beginning Modern Dance Technique	(1)
			OR		
			DANCE 20A	Beginning Modern Dance Composition	(3)
DRAMART 40B	Int Modern Dance	(2)	DANCE 20B	Intermediate Modern Dance Composition	(3)
DRAMART 42A	Beg Ballet	(2)	DANCE 12A	Beginning Ballet Part 1	(1)
			OR		
			DANCE 12B	Beginning Ballet Part 2	(1)
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any

required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

- General Chemistry 2A/B/C
- Organic Chemistry 8A
- Mathematics 16A
- Physics 1A/B or 7A
- Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

- Organic Chemistry 8B
- Mathematics 16B
- Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
	<u>OR</u>			<u>OR</u>	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

CHEM 2A	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1A &	General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		

CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology	(3)		AT 10 Technical Computer Applications	(3)

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)		MATH 5A	Mathematical Analysis I (5)
MATH 16B	Short Calculus	(3)		MATH 5B	Mathematical Analysis II (4)

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE	
	AND			AND	
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYS 2A & General Physics 1	(4)
				PHYS 2B General Physics 2	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2)		NO COMPARABLE COURSE	
VIT-ENO 3	Intro Winemaking	(3)		NO COMPARABLE COURSE	

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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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Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			OR		
			ENGL 1AH	Honors Reading and Composition	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	OR			OR	
DRAMART 10	Intro To Acting	(4)	TA 31 &	Theatre History and Dramatic Literature I	(3)
			TA 32	Theatre History and	(3)

					Dramatic Literature II	
				<u>OR</u>		
				TA 41	Beginning Acting	(3)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
				<u>OR</u>	
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	& Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
				<u>OR</u>	
			BIOL 11AH	& Honors Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 4	& Principles of Zoology	(5)
			BIOL 6	Principles of Botany	(5)
				<u>OR</u>	
			BIOL 11B	Biology for Science Majors II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 5A	Mathematical Analysis I	(5)
MATH 16B	Short Calculus	(3)	MATH 5B	Mathematical Analysis II	(4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1A	& General Chemistry	(5)
			CHEM 1B	General Chemistry and Qualitative Analysis	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 28B	& Organic Chemistry II	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)
			CHEM 29B	Organic Chemistry Lab II	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28A	& Organic Chemistry I	(3)
			CHEM 29A	& Organic Chemistry Laboratory I	(2)

				CHEM 28B	&	Organic Chemistry II	(3)
				CHEM 29B		Organic Chemistry Lab II	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 28A	&	Organic Chemistry I	(3)
				CHEM 28B	&	Organic Chemistry II	(3)
				CHEM 29A	&	Organic Chemistry Laboratory I	(2)
				CHEM 29B		Organic Chemistry Lab II	(2)
PHYSICS 7A	General Physics	(4)		PHYS 2A	&	General Physics 1	(4)
				PHYS 2B		General Physics 2	(4)
PHYSICS 7B	General Physics	(4)		PHYS 2A	&	General Physics 1	(4)
				PHYS 2B		General Physics 2	(4)
PHYSICS 7C	General Physics	(4)		PHYS 2A	&	General Physics 1	(4)
				PHYS 2B		General Physics 2	(4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)		MATH 5A		Mathematical Analysis I	(5)
MATH 21B	Calculus	(4)		MATH 5B		Mathematical Analysis II	(4)
MATH 21C	Calculus	(4)		MATH 6		Mathematical Analysis III	(4)
MATH 21D	Vector Analysis	(4)		MATH 6		Mathematical Analysis III	(4)
MATH 22A	Linear Algebra	(3)		MATH 7		Introduction to Differential Equations	(4)
					OR		
				MATH 26		Elementary Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 7		Introduction to Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry	(5)
				CHEM 1B		General Chemistry and Qualitative Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry	(5)
				CHEM 1B		General Chemistry and Qualitative Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1A	&	General Chemistry	(5)
				CHEM 1B		General Chemistry and Qualitative Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28A & Organic Chemistry I (3)	
				CHEM 28B & Organic Chemistry II (3)	
				CHEM 29A & Organic Chemistry Laboratory I (2)	
				CHEM 29B Organic Chemistry Lab II (2)	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28A & Organic Chemistry I (3)	
				CHEM 29A & Organic Chemistry Laboratory I (2)	
				CHEM 28B & Organic Chemistry II (3)	
				CHEM 29B Organic Chemistry Lab II (2)	
CHEM 128A	Organic Chemistry	(3)		CHEM 28A & Organic Chemistry I (3)	
				CHEM 28B Organic Chemistry II (3)	
CHEM 128B	Organic Chemistry	(3)		CHEM 28A & Organic Chemistry I (3)	
				CHEM 28B Organic Chemistry II (3)	
CHEM 129A	Organic Chem Lab	(2)		CHEM 29A & Organic Chemistry Laboratory I (2)	
				CHEM 29B Organic Chemistry Lab II (2)	
PHYSICS 9A	Classical Physics	(5)		PHYS 4A Physics for Scientists and Engineers (4)	
PHYSICS 9B	Classical Physics	(5)		PHYS 4A & Physics for Scientists and Engineers (4)	
				PHYS 4B & Physics for Scientists and Engineers (4)	
				PHYS 4C Physics for Scientists and Engineers (4)	
PHYSICS 9C	Classical Physics	(5)		PHYS 4B Physics for Scientists and Engineers (4)	
PHYSICS 9D	Modern Physics	(4)		PHYS 4A & Physics for Scientists and Engineers (4)	
				PHYS 4B & Physics for Scientists and Engineers (4)	
				PHYS 4C Physics for Scientists and Engineers (4)	
BIMEDEN 20	Fundamentals of Bioengineering	(4)		NO COMPARABLE COURSE	
ENGIN 4	Graphics in Design	(3)		ENGR 2 Graphics (4)	
ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
ENGIN 17	Circuits I	(4)		ENGR 6 Circuits with Lab (4)	
ENGIN 35	Statics	(4)		ENGR 8 Statics (3)	
ENGIN 45	Prop of Mats	(4)		ENGR 4 Engineering Materials (3)	

ENG CS 20	C Sci/Discrete Math	(4)	CSCI 26	Discrete Mathematics for Computer Science	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CSCI 40	Programming Concepts & Methodology I	(4)
			<u>OR</u>		
			CIT 63	Beginning JAVA Programming	(4)
			<u>OR</u>		
			CIT 66	Beginning C++ Programming	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CSCI 41	Programming Concepts & Methodology II	(4)
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE		
ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		
ENG CHM 51	Material Balances	(4)	NO COMPARABLE COURSE		
ENG CHM 60	Engineering Problem Solv	(4)	NO COURSE ARTICULATED		
ENG CHM 80	Chem Engr Profession	(1)	NO COMPARABLE COURSE		
ENG E&C 7	Prog & Microcontrollers	(4)	NO COURSE ARTICULATED		
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Introduction to the Study of Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 1	Introduction to Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 11A	Biology for Science Majors I	(5)
			<u>OR</u>		
			BIOL 11AH	Honors Biology for Science Majors I	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 11A	<u>&</u> Biology for Science Majors I	(5)
			BIOL 11B	Biology for Science Majors II	(5)
			<u>OR</u>		
			BIOL 11AH	<u>&</u> Honors Biology for Science Majors I	(5)

				BIOL 11B	Biology for Science	(5)
					Majors II	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 4 & BIOL 6	Principles of Zoology	(5)
				<u>OR</u>	Principles of Botany	(5)
				BIOL 11B	Biology for Science	(5)
					Majors II	
c) GEOLOGY 50 g)	Physical Geology	(3)		GEOL 1	Physical Geology	(4)
				<u>OR</u>		
				GEOL 1H	Honors Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE		

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.**
- g) Fresno City College students who complete GEOL 1 or GEOL 1H may receive credit at UC Davis for GEOLOGY 1 OR 50, not both.