

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.

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College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro Economics	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLS 102	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)
PSYCH 1	General Psychology	(4)		PSY 101	Introduction to Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)		NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)		NO COMPARABLE COURSE

A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)		NO COMPARABLE COURSE

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 120 United States to 1877 (3)
HISTORY 17B	U.S. History	(4)		HIST 121 United States from 1877 (3)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)		NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)		NO COMPARABLE COURSE
DRAMART 41A	Beg Jazz Dance	(2)		NO COMPARABLE COURSE
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 120	United States to 1877	(3)
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POLS 102	American Government and Politics	(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 Jdgs	(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 101	Introduction to Micro Economics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(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)	NO COMPARABLE COURSE		
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 COMPARABLE COURSE		
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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)

GEOLOGY 1	The Earth	(4)	GEOL 100	General Geology	(4)
GEOLOGY 20	California Geology	(2)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	AG 120	Soil Science	(3)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 194	Calculus II	(4)
			OR		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
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PHYSICS 7B General Physics (4)|NO COMPARABLE COURSE

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

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

Special Advising Note:

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

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College Foreign Language Requirement 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 Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
AMR STD 25	U.S. as Business Culture	(4)	NO COMPARABLE COURSE
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture Same as: FD S&T 55	(4)	NO COMPARABLE COURSE
AMR STD 59	Music and American Culture	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	SOC 206 Social Psychology (3) Same as: PSY 206
			OR
			PSY 206 Social Psychology (3) Same as: SOC 206
WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 120 United States to 1877 (3)
HISTORY 17B	U.S. History	(4)	HIST 121 United States from 1877 (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 220 Women in American History (3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 102 Introduction to Literature (3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 224 Survey of English Literature (3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 220 Survey of American Literature I (3)
			OR
			ENGL 225 Survey of English Literature (3)

ENGLISH 10C	Literatures in English (4)	ENGL 221	Survey of American	(3)
	III: 1900 to Present		Literature II	
FILM ST 1	Intro to Film Studies (4)	NO COURSE ARTICULATED:	College has not	
			submitted course(s)for articulation	

Formerly Humanities 10
END OF MAJOR

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

Special Advising Note:

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
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MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR			OR
MATH 21A	Calculus	(4)	MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II (4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III (4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE

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

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

END OF MAJOR

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

Special Advising Note:

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

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.

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		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	Chemistry I General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 101	Introduction to Information Systems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)
MGMT 11A	Elem Accounting	(4)	BUS 210	Principles of Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 220	Principles of Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus 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 Hub (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)|BUS 126 Business and the Legal (3)
| 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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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 180	General Biology: Molecules, Cells and Genetics (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology (4)

CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I (5)
				CHEM 202	General Inorganic Chemistry II (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 204	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I (5)
			CHEM 206	Organic Chemistry II (5)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus (4) with Applications
			OR	
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I (4)
			MATH 170	Introductory Calculus (4) with Applications
			OR	
	OR		MATH 194	Calculus II (4)
MATH 17A	Calculus for BioSci	(4)	OR	
MATH 17B	Calculus for Biosci	(4)	MATH 192	Calculus I (4)
			MATH 194	Calculus II (4)
	OR		OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II (4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)	ANTH 100	Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 120	Introduction to Archaeology	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE
ANTHRO 23	Intr World Prehist	(4)	NO COMPARABLE COURSE
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
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SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y				
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
<u>SOCIOCULTURAL EMPHASIS:</u>					
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology (3)

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)		ANTH 100	Physical Anthropology (3)
ANTHRO 3	Intr to Archaeology	(4)		ANTH 120	Introduction to (3)
					Archaeology
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 COMPARABLE COURSE	
	Same as: SCI&TEC 32				
ANTHRO 34	Cultures of Consumerism	(4)		NO COMPARABLE COURSE	

END OF MAJOR

====Anthropology 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.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

ANTHRO 1	Human Evol Biol	(4)	ANTH 100	Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 120	Introduction to Archaeology	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE		
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SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y				
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 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)		MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)		MATH 210	Calculus III	(4)

MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
or equivalent basic knowledge of MATLAB.					
BOTH OF THE FOLLOWING COURSES:					
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(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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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 COMPARABLE COURSE		
	Formerly ENG CS 10				
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)
OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
OR			OR		
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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)

ATMOSPHERIC PHYSICS CONCENTRATION

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
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CHEMICAL PHYSICS CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)	CIS 210	Programming in C++	(3)
	Formerly ENG CS 30		OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
ENG CS 36B	Object-Oriented Program	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(4)
	Formerly ENG CS 40				

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		
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MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGR 240	Electric Circuit	(3)
					Analysis	
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 100	History of Art I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 100 &	History of Art I	(3)
			ART 102	History of Art II	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	History of Art II	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 120	Drawing I	(3)
			<u>OR</u>		
			ART 122	Drawing II	(3)
			<u>OR</u>		
			ART 220	Drawing III	(3)
			<u>OR</u>		
			ART 222	Drawing IV	(3)
ART 5	Beginning Sculpture	(4)	ART 150	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 124	Painting I	(3)
			<u>OR</u>		
			ART 126	Painting II	(3)
			<u>OR</u>		
			ART 224	Painting III	(3)
			<u>OR</u>		
			ART 226	Painting IV	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
ART 11	Beginning Printmaking	(4)	NO COMPARABLE COURSE		
ART 12	Beginning Video	(4)	NO COMPARABLE COURSE		
ART 24	Intro Experimental Video and Film	(4)	NO COMPARABLE COURSE		

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](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.

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 120	Drawing I	(3)
			<u>OR</u>		
			ART 122	Drawing II	(3)
			<u>OR</u>		
			ART 220	Drawing III	(3)
			<u>OR</u>		
			ART 222	Drawing IV	(3)
ART 5	Beginning Sculpture	(4)	ART 150	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 124	Painting I	(3)
			<u>OR</u>		
			ART 126	Painting II	(3)
			<u>OR</u>		
			ART 224	Painting III	(3)
			<u>OR</u>		
			ART 226	Painting IV	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE		
ART 11	Beginning Printmaking	(4)	NO COMPARABLE COURSE		
ART 12	Beginning Video	(4)	NO COMPARABLE COURSE		

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	NO COMPARABLE COURSE		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 100	History of Art I	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 100	<u>&</u> History of Art I	(3)
			ART 102	History of Art II	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	History of Art II	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
AMR STD 25	U.S. as Business Culture	(4)	NO COMPARABLE COURSE
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COMPARABLE COURSE
Same as: FD S&T 55			
AMR STD 59	Music and American Culture	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
WOM STD 25	Gender & Global Cinema	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 10	Fine Art Appreciation	(4)	NO COMPARABLE COURSE
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABLE COURSE
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE

PHILOS 5	Critical Reasoning	(4)	PHIL 106	Logic	(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 212	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 119	Elementary Statistics	(4)
Same as: STATIST 13Y					

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	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I (5)
				CHEM 202	General Inorganic Chemistry II (5)
<hr/>					
ENG CS 36A	Programming	(4)		CIS 210	Programming in C++ (3)
	Formerly ENG CS 30			OR	
				CS 220	Introduction to Object-Oriented Programming Using Java (4)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II (4)
MATH 21C	Calculus	(4)		MATH 210	Calculus III (4)
MATH 21D	Vector Analysis	(4)		MATH 210	Calculus III (4)
MATH 22A	Linear Algebra	(3)		MATH 230	Introduction to Linear Algebra with Applications (3)
MATH 22B	Differntl Equations	(3)		MATH 220	Elementary Differential Equations (3)
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ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE	

PHYSICS 9A	Classical Physics	(5)	PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
Same as: STATIST 13Y					

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 210	Calculus 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic	(5)

Chemistry II

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 204	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I (5)
			CHEM 206	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II (5)
	OR			OR
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I (5)
			CHEM 206	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I (5)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications (4)
			OR	
			MATH 192	Calculus I (4)
MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications (4)
			OR	
			MATH 194	Calculus II (4)
	OR			OR
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I (4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II (4)
	OR			OR
MATH 21A	Calculus	(4)	MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II (4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	MATH 240	Discrete Mathematics (3)
ENG CS 36A	Programming	(4)	CIS 210	Programming in C++ (3)
	Formerly ENG CS 30		OR	
			CS 220	Introduction to Object-Oriented Programming Using Java (4)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)	CS 230	Intermediate Object-Oriented Programming Using Java (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)	CS 280	Assembly Language and Machine Organization (4)

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 206	Organic Chemistry II	(5)
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MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	OR				OR	
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)
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PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)		NO COMPARABLE COURSE		

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 210	Calculus III	(4)
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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 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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		
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PHYSICS 9A	Classical Physics	(5)	PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
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CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	<u>OR</u>		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 206	Organic Chemistry II	(5)

RECOMMENDED COURSES:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	<u>OR</u>		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) 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 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 192	Calculus I	(4)
MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 194	Calculus II	(4)

MATH 16C	Short Calculus	(3)	NO COMPARABLE COURSE		
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)

ENV TOX 20	Introduction to Forensic Science	(3)	NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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)		NO COMPARABLE COURSE
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 COMPARABLE COURSE
CHICANO 70	Survey Chic Art	(4)		NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)		NO COMPARABLE COURSE

SPANISH 1	Elementary Spanish	(5)		SPAN 100	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN 100 &	Elementary Spanish I	(5)
				SPAN 110	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN 110	Elementary Spanish II	(5)
	OR			OR		
SPANISH 28	Inter Conversation	(2)		NO COMPARABLE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)		NO COMPARABLE COURSE
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 COMPARABLE COURSE
CHICANO 70	Survey Chic Art	(4)		NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)		NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)		NO COMPARABLE COURSE
PSYCH 41	Research Methods	(4)		PSY 212 Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE

SPANISH 1	Elementary Spanish	(5)		SPAN 100	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN 100 &	Elementary Spanish I	(5)
				SPAN 110	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN 110	Elementary Spanish II	(5)
	OR				OR	
SPANISH 28	Inter Conversation	(2)		NO COMPARABLE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

information.

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
	Same as: JPNESE 50		
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4)	ENGL 270 Introduction to Linguistics (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

Select two of the following courses:

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	Formerly Humanities 10		
TCULST 1	Intro Technocultural Studies	(4)	NO 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 100 History of Art I	(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 222 Survey of World Literature	(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
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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](#). 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.

ENGLISH 3	Intro to Lit	(4)		ENGL 102	Introduction to Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 110	Composition and Reading	(4)
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COMUNCN 1	Intro Public Spkg	(4)		COMM 100	Oral Communication	(3)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro Economics	(3)
	OR				OR	
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro Economics	(3)
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PSYCH 1	General Psychology	(4)		PSY 101	Introduction to Psychology	(3)
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SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to Sociology	(3)
	OR				OR	

SOCIOL 3	Social Problems	(4)		SOC 102	Contemporary Social Problems	(3)
	OR				OR	
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology	(3)
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STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y					
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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)		ENGL 270	Introduction to Linguistics	(3)
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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)	NO COMPARABLE COURSE	
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 101	Introduction to Psychology (3)
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology (3)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y			

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	MATH 240	Discrete Mathematics	(3)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COMPARABLE COURSE		
OR			OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 210	Programming in C++	(3)
OR			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED		
OR			OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(4)
ENG CS 50	Machine Dependent Prog	(4)	CS 280	Assembly Language and Machine Organization	(4)
ENG CS 32B	Intro to Data Structures	(4)			
OR			OR		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE		

LINGUIS 1	Intro Linguistics	(4)	ENGL 270	Introduction to Linguistics	(3)
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MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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

PHILOS 12	Intro to Symbol Logic	(4)	NO COMPARABLE COURSE		
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 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 119	Elementary Statistics	(4)
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Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

LINGUIS 1	Intro Linguistics	(4)	ENGL 270	Introduction to	(3)
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Linguistics

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

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

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE		
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	ENGL 270	Introduction to Linguistics	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
	OR			OR	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: LINGUIS 5				
	OR			OR	
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: COMUNCN 5				
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
B) ENG CS 15	Intro to Computers	(4)	CIS 101	Introduction to Information Systems	(3)

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

	OR			OR	
PHILOS 12	Intro to Symbol Logic	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(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:

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 222	Survey of World Literature	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 222 &	Survey of World Literature	(3)
			ENGL 223	Survey of World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 223	Survey of World Literature	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 102	Introduction to Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGL 110	Composition and Reading	(4)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE		
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		
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)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 101	Introduction to Information Systems	(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 101	Introduction to Micro Economics	(3)
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ECON 1B	Princ of Macroecon	(4)	OR	ECON 102	Introduction to Macro Economics	(3)
ANTHRO 2	Cultural Anthropology	(5)	OR	ANTH 102	Cultural Anthropology	(3)
SOCIOL 1	Intro Sociology	(5)	OR	SOC 101	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics	(4)	OR	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y					
STATIST 32	Gateway to Data Science	(4)	OR	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	OR	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 222	Survey of World Literature	(3)
	OR			OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 222 &	Survey of World Literature	(3)
			ENGL 223	Survey of World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 223	Survey of World Literature	(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 222	Survey of World Literature	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 222 &	Survey of World Literature	(3)
			ENGL 223	Survey of World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 223	Survey of World Literature	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE		
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE		
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE		
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE		
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE		
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: GERMAN 11				
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE		
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE		
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE		
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE		
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE		
COMPLIT 53C	Lit of the Islamic World	(4)	NO 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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
OR			OR		
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		
<hr/>					
ENG CS 20	C Sci/Discrete Math	(4)	MATH 240	Discrete Mathematics	(3)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 210	Programming in C++	(3)
			OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(4)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	NO COMPARABLE COURSE		
ENG CS 50	Machine Dependent Prog	(4)	CS 280	Assembly Language and Machine Organization	(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.

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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)	ART 110 Design (3)
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	NO COMPARABLE COURSE
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	NO COMPARABLE COURSE
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 COMPARABLE COURSE
DESIGN 70	Intro Textile Structure	(4)	NO COMPARABLE COURSE
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE

UWRITING 11	Pop Sci & Technol Wrtng	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 18		
	OR		OR
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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)	NO COMPARABLE COURSE
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as: CHINESE 50			
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

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

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

END OF MAJOR

- 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)

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

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 170	Introductory Calculus with Applications	(4)
				OR		
				MATH 192	Calculus I	(4)
MATH 16B	Short Calculus	(3)		MATH 170	Introductory Calculus	(4)

					with Applications	
				<u>OR</u>		
				MATH 194	Calculus II	(4)
	<u>OR</u>				<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
	<u>OR</u>				<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)

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

PREPARATION FOR GRADUATION:

SCI&SOC 18	GIS & Society	(3)		NO COMPARABLE COURSE		
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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 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
	OR		MATH 194	Calculus II	(4)
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

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

MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear	(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 102	Introduction to Literature	(3)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 110	Composition and Reading	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 224	Survey of English Literature	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)		ENGL 220	Survey of American Literature I	(3)
				OR		
				ENGL 225	Survey of English Literature	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)		ENGL 221	Survey of American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)		NO COMPARABLE COURSE		
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)		NO COMPARABLE COURSE		
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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	OR			OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

====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	
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 180	General Biology: (4) Molecules, Cells and Genetics
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic (5) Chemistry I
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic (5) Chemistry I
				CHEM 202	General Inorganic (5) Chemistry II
<hr/>					
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENV S&P 10	Current Issues in Environment	(3)		NO COMPARABLE COURSE	
	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				
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PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE	

PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)		MATH 170 Introductory Calculus with Applications (4)
				<u>OR</u>
				MATH 192 Calculus I (4)
	<u>OR</u>			<u>OR</u>
STATIST 13	Elementary Statistics	(4)		MATH 119 Elementary Statistics (4)
	Same as: STATIST 13Y			

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

URBAN LANDSCAPE MANAGEMENT OPTION

SCI&SOC 18	GIS & Society	(3)		NO COMPARABLE COURSE
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RECOMMENDED COURSES:

COMUNCN 1	Intro Public Spkg	(4)		COMM 100 Oral Communication (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.

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Davis decides 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:

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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 100	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
	OR			OR	
b) DRAMART 10	Intro To Acting	(4)	THEA 120	Fundamentals of Acting	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Principles of Biological Science	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)

CHEM 10	OR Concept of Chem	(4)	OR NO COMPARABLE COURSE
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE
CHEM 2B	OR Genl Chemistry	(5)	OR CHEM 200 & General Inorganic Chemistry I (5) CHEM 202 General Inorganic Chemistry II (5)
PHYSICS 1B	OR Principles Physics	(3)	OR NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
SCI&SOC 18	OR GIS & Society	(3)	OR NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 101 Introduction to Micro Economics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 102 Introduction to Macro Economics (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
GEOLOGY 1	The Earth	(4)	GEOL 100 General Geology (4)
PL SCI 12	Plants and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FORMERLY PLANT BIO 12			
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 170 Introductory Calculus with Applications (4)
MATH 16B	Short Calculus	(3)	OR MATH 192 Calculus I (4) MATH 170 Introductory Calculus with Applications (4)
MATH 17A	OR Calculus for BioSci	(4)	OR MATH 194 Calculus II (4)
MATH 17B	Calculus for Biosci	(4)	OR MATH 192 Calculus I (4) MATH 194 Calculus II (4)
MATH 21A	OR Calculus	(4)	OR MATH 192 Calculus I (4)
MATH 21B	Calculus	(4)	MATH 194 Calculus II (4)
POL SCI 1	Amer Natl Govt	(4)	POLS 102 American Government and Politics (3)
STATIST 13	Elementary Statistics	(4)	MATH 119 Elementary Statistics (4)
STATIST 32	Gateway to Data Science	(4)	OR 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

END OF MAJOR

b) Students at Imperial Valley College who take THEA 120 may receive credit for UC Davis DRAMART 10 or 20 or 21A, not all three.

====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:

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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.

COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
	OR			OR	
b) DRAMART 10	Intro To Acting	(4)	THEA 120	Fundamentals of Acting	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

GEOLOGY 1	The Earth	(4)	GEOL 100	General Geology	(4)
	OR			OR	
GEOLOGY 50	Physical Geology	(3)	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)	NO COMPARABLE COURSE		

PHYSICS 7B General Physics (4) | NO COMPARABLE COURSE
 PHYSICS 7C General Physics (4) | NO COMPARABLE COURSE

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 101 Introduction to Micro (3)
 Economics

 MATH 16A Short Calculus (3) | MATH 170 Introductory Calculus (4)
 with Applications

OR
 MATH 16B Short Calculus (3) | MATH 192 Calculus I (4)
 MATH 170 Introductory Calculus (4)
 with Applications

OR
 MATH 17A Calculus for BioSci (4) | MATH 194 Calculus II (4)
 MATH 17B Calculus for Biosci (4) | MATH 192 Calculus I (4)

OR
 MATH 21A Calculus (4) | MATH 194 Calculus II (4)
 MATH 21B Calculus (4) | MATH 192 Calculus I (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C Genl Chemistry (5) | CHEM 202 General Inorganic (5)
 Chemistry II

OR
 CHEM 2CH Honors Genl Chemistry (5) | NO COMPARABLE COURSE

PREPARATION FOR GRADUATION:

 STATIST 13 Elementary Statistics (4) | MATH 119 Elementary Statistics (4)
 Same as: STATIST 13Y

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

ATM SCI 60 Intro to Atmospheric (4) | NO COMPARABLE COURSE
 Science

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

b) Students at Imperial Valley College who take THEA 120 may receive credit for UC Davis DRAMART 10 or 20 or 21A, not all three.

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(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		
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CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 206	Organic Chemistry II	(5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)		CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 204	Organic Chemistry I	(5)
<hr/>						
MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	OR				OR	
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)

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:

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College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology:	(5)		BIOL 182	General Biology:	(4)

Biodiversity & the Tree of Life			Principles of Organismal Biology		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 202	General Inorganic Chemistry I General Inorganic Chemistry II	(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)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 210	Calculus 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic	(5)

					Chemistry I	
				CHEM 202	General Inorganic	(5)
					Chemistry II	
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic	(5)
					Chemistry II	

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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204	& Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
					OR	
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)		NO COMPARABLE COURSE		

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 210	Calculus III	(4)
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END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018 and 2019 applicants, and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants.

CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic	(5)
					Chemistry I	

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

CHEM 2B	Genl Chemistry	(5)		CHEM 200	& General Inorganic	(5)
					Chemistry I	
				CHEM 202	General Inorganic	(5)
					Chemistry II	
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic	(5)
					Chemistry II	

B) ENG CS 15	Intro to Computers	(4)		CIS 101	Introduction to	(3)
					Information Systems	
					OR	

ENG CS 36A	Programming	(4)	CIS 210	Programming in C++	(3)
Formerly ENG CS 30			<u>OR</u>		
			CS 220	Introduction to Object-Oriented Programming Using Java	(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.

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	<u>OR</u>		NO COMPARABLE COURSE	<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
Same as: STATIST 13Y					

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE
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TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>

ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE
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PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 100	Oral Communication	(3)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
			NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
	AND			AND	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 204	Organic Chemistry I (5)
	AND			AND	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 & CHEM 206	Organic Chemistry I (5) Organic Chemistry II (5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 204	Organic Chemistry I (5)
	AND			AND	
CHEM 128B	Organic Chemistry	(3)		CHEM 204 & CHEM 206	Organic Chemistry I (5) Organic Chemistry II (5)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)		CHEM 204	Organic Chemistry I (5)

PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE
PHYSICS 7C	General Physics	(4)		NO COMPARABLE COURSE

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
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STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y				

NUTR 10	Discoveries and Concepts	(3)		NO COMPARABLE COURSE
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RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 206	Organic Chemistry II (5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)		CHEM 206	Organic Chemistry II (5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)		CHEM 204 & CHEM 206	Organic Chemistry I (5) Organic Chemistry II (5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)		CHEM 206	Organic Chemistry II (5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)	FREN 100	Elementary French I	(5)
FRENCH 2	Elementary French	(5)	FREN 100 & FREN 110	Elementary French I	(5)
FRENCH 3	Elementary French	(5)	FREN 110	Elementary French II	(5)
FRENCH 21	Intermed French	(5)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE		

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

END OF MAJOR

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

Special Advising Note:

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

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

WOM STD 50	Intro Gender Studies	(4)	NO COMPARABLE COURSE
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)	NO COMPARABLE COURSE
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)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 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)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
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 102 Introduction to Literature	(3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)	HIST 220 Women in American History	(3)
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSY 101 Introduction to 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 COMPARABLE COURSE	
	Same as: ANTHRO 32			
SOCIOLOG 2	Self and Society	(4)	SOC 206 Social Psychology Same as: PSY 206	(3)
			OR	
			PSY 206 Social Psychology Same as: SOC 206	(3)
SOCIOLOG 3	Social Problems	(4)	SOC 102 Contemporary Social Problems	(3)
SOCIOLOG 11	Sociology of Labor and Employment	(4)	NO COMPARABLE COURSE	
SOCIOLOG 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE	
SOCIOLOG 30B	Multicultural Societies	(3)	NO COMPARABLE COURSE	
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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology	(5)		NO COMPARABLE COURSE		

BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 210	Calculus III	(4)
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END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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GEOLOGY 3	History of Life	(3)		NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials: Intro	(4)		NO COMPARABLE COURSE	
<hr/>					
MATH 16A	Short Calculus	(3)		MATH 170	Introductory Calculus (4) with Applications
				OR	
				MATH 192	Calculus I (4)
MATH 16B	Short Calculus	(3)		MATH 170	Introductory Calculus (4) with Applications
				OR	
				MATH 194	Calculus II (4)
	OR			OR	
MATH 21A	Calculus	(4)		MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II (4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic (5) Chemistry I
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic (5) Chemistry I
				CHEM 202	General Inorganic (5) Chemistry II

PHYSICS 7A General Physics (4) | NO COMPARABLE COURSE

PHYSICS 7B General Physics (4) | NO COMPARABLE COURSE

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STATIST 13 Elementary Statistics (4) | MATH 119 Elementary Statistics (4)
Same as: STATIST 13Y

OR

OR

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

END OF MAJOR

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

GEOLOGY 3 History of Life (3) | NO COMPARABLE COURSE

GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials:Intro	(4)		NO COMPARABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2)		NO COMPARABLE COURSE	

MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)		MATH 210	Calculus III	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)		NO COMPARABLE COURSE		

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

OR

PHYSICS 9A	Classical Physics	(5)		PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 202	General Physics II	(4)

OR

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)		MATH 210	Calculus III	(4)
PHYSICS 9A	Classical Physics	(5)		PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 204	General Physics III	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)		MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)		MATH 230	Introduction to Linear Algebra with Applications	(3)
PHYSICS 9A	Classical Physics	(5)		PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 202	General Physics II	(4)

END OF MAJOR

====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)	NO COMPARABLE COURSE
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO 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 180 General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182 General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 200 General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 & CHEM 202 General Inorganic Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202 General Inorganic Chemistry II	(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 204 Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 & CHEM 206 Organic Chemistry I & II	(5)
MATH 17A	Calculus for BioSci	(4)		MATH 192 Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194 Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE	
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE	

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:

END OF MAJOR

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

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

A.AFRICA

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 110 Early Western Civilization (3)
HISTORY 4B Western Civ (4) | NO COMPARABLE COURSE
HISTORY 4C Western Civ (4) | HIST 111 Modern Western Civilization (3)

D. LATIN AMERICA

HISTORY 7A Latin America to 1700 (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B Latin America 1700-1900 (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C Latin America 1900-Present (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

E. MIDDLE EAST

HISTORY 6 Intro to Middle East (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

F. UNITED STATES

HISTORY 17A U.S. History (4) | HIST 120 United States to 1877 (3)
HISTORY 17B U.S. History (4) | HIST 121 United States from 1877 (3)
HISTORY 18A Race in America to 1865 (4) | NO COURSE ARTICULATED
HISTORY 72A Am Women & Gender (4) | NO COMPARABLE COURSE
HISTORY 72B Am Women & Gender (4) | HIST 220 Women in American History (3)
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 100 Early World History (3)
HISTORY 10B World History 1350-1850 (4) | HIST 101 Modern World History (3)
HISTORY 10C World History III (4) | HIST 101 Modern World History (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:

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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.

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTH 100	Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	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 180	General Biology: Molecules, Cells and Genetics	(4)
OR					
BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Principles of Biological Science	(4)
OR					
MIC BIO 10	Natural History of Infectious Diseases	(3)	NO COMPARABLE COURSE		
OR					
NE PH B 12	Human Brain and Disease	(3)	NO COMPARABLE COURSE		
OR					
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 120	United States to 1877	(3)
OR					
HISTORY 17B	U.S. History	(4)	HIST 121	United States from 1877	(3)
OR					
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
OR					
HISTORY 72B	Am Women & Gender	(4)	HIST 220	Women in American History	(3)
OR					
POL SCI 1	Amer Natl Govt	(4)	POLS 102	American Government and Politics	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 106	Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		

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

NE PH B 10	Elem Human Physio	(3)	BIOL 206	Human Physiology (4)

PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology (3)

Select one of the following options:

PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology (3)
	OR		OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
	AND		AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR		OR	
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE	
	OR		OR	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y			

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.

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(5)
<hr/>						
PHYSICS 9A	Classical Physics	(5)		PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 202	General Physics II	(4)
<hr/>						
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)

MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)

GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE		

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

====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.

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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.

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

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

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INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE	
<hr/>					
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
SOILSCI 10	Soils in Our Environment	(3)		AG 120	Soil Science (3)
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro Economics (3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro Economics (3)
<hr/>					
STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y				
	OR			OR	
SOCIO 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
<hr/>					
MATH 16A	Short Calculus	(3)		MATH 170	Introductory Calculus with Applications (4)
				OR	
				MATH 192	Calculus I (4)
<hr/>					
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)	NO COMPARABLE COURSE
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 COMPARABLE COURSE

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
SOCIOL 1	Intro Sociology	(5)	MATH 194	Calculus II	(4)
			SOC 101	Introduction to Sociology	(3)
			OR		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

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

reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology	(3)
	OR				OR	
ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro Economics	(3)
HISTORY 4C	Western Civ	(4)		HIST 111	Modern Western Civilization	(3)
	OR				OR	
HISTORY 10C	World History III	(4)		HIST 101	Modern World History	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 106	Introduction to International Relations	(3)

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s)for articulation
SOCIOL 12Y			
OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 119 Elementary Statistics (4)
Same as: STATIST 13Y			
OR			OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

POL SCI 51	Scientific Study of Politics	(4)	NO 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)	ARAB 100 Elementary Arabic (5)
ARABIC 2	Elem Arabic	(5)	NO COMPARABLE COURSE
ARABIC 3	Elem Arabic	(5)	NO COMPARABLE COURSE
ARABIC 21	Intermed Arabic	(4)	NO COMPARABLE COURSE
ARABIC 22	Intermed Arabic	(4)	NO COMPARABLE COURSE
ARABIC 23	Intermed Arabic	(4)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
OR			OR
FRENCH 1	Elementary French	(5)	FREN 100 Elementary French I (5)
FRENCH 2	Elementary French	(5)	FREN 100 & Elementary French I (5)
FRENCH 3	Elementary French	(5)	FREN 110 Elementary French II (5)
FRENCH 21	Intermed French	(5)	FREN 110 Elementary French II (5)
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR			OR
GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO 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 COMPARABLE COURSE
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COMPARABLE COURSE
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 submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	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)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR		OR
SPANISH 1	Elementary Spanish	(5)	SPAN 100 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 100 & Elementary Spanish I (5)
			SPAN 110 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 110 Elementary Spanish II (5)

SPANISH 21	Intm Spanish	(5)		SPAN 200	Intermediate Spanish I	(5)
				<u>OR</u>		
				SPAN 220	Bilingual Spanish I	(5)
SPANISH 22	Intm Spanish	(5)		SPAN 210	Intermediate Spanish	(5)
					II	
				<u>OR</u>		
				SPAN 221	Bilingual Spanish II	(5)
	<u>OR</u>			<u>OR</u>		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

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

END OF MAJOR

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

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

Special Advising Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)		NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in 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)		ENGL 270 Introduction to Linguistics (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 100	Oral Communication	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 102	Introduction to Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 110	Composition and Reading	(4)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
<hr/>					
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 192	Calculus I	(4)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics,Nonscientists	(4)	NO COMPARABLE COURSE		
GEOLOGY 1	The Earth	(4)	GEOL 100	General Geology	(4)
SOILSCI 10	Soils in Our Environment	(3)	AG 120	Soil Science	(3)

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COMPARABLE COURSE		
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE		
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

====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)	ENGL 270	Introduction to	(3)
				Linguistics	

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 100	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	BUS 126	Business and the Legal Environment	(3)
ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 101	Introduction to Information Systems	(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)	BUS 210	Principles of Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 220	Principles of Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	<u>OR</u>		NO COMPARABLE COURSE		
				<u>OR</u>	

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(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)	NO COMPARABLE COURSE		
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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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		
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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

STRONGLY RECOMMENDED:

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

GEOLOGY 16	The Oceans	(3)	NO COMPARABLE COURSE		

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 Earth	(5)		BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(5)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 170	Introductory Calculus with Applications	(4)
				<u>OR</u>		
MATH 16B	Short Calculus	(3)		MATH 192	Calculus I	(4)
				MATH 170	Introductory Calculus with Applications	(4)
				<u>OR</u>		
MATH 16C	Short Calculus	(3)		MATH 194	Calculus II	(4)
				NO COMPARABLE COURSE		
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)

MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

STRONGLY RECOMMENDED:

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

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 202	General Inorganic Chemistry I General Inorganic Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
MATH 16B	Short Calculus	(3)	<u>OR</u> MATH 192 MATH 170	Calculus I Introductory Calculus with Applications	(4) (4)
MATH 16C	Short Calculus	(3)	<u>OR</u> MATH 194 NO COMPARABLE COURSE	Calculus II	(4)
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 202	General Physics II	(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)		NO COMPARABLE COURSE		
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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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		

MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE 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 230	Introduction to Linear Algebra with Applications	(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 COMPARABLE COURSE
Formerly ENG CS 10 |

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 192 Calculus I (4)
MATH 21B Calculus (4) | MATH 194 Calculus II (4)
MATH 21C Calculus (4) | MATH 210 Calculus III (4)
MATH 21D Vector Analysis (4) | MATH 210 Calculus III (4)

MATH 22B	Differntl Equations	(3)		MATH 220	Elementary	(3)
					Differential Equations	
MATH 22AL	Lin Alg Comp Lab	(1)		NO COMPARABLE COURSE		

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 230	Introduction to Linear	(3)
					Algebra with	
					Applications	
	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 COMPARABLE COURSE		
	Formerly ENG CS 10					

OR

OR

ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
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ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro	(3)
					Economics	

ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro	(3)
					Economics	

STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
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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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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 230	Introduction to Linear Algebra with Applications	(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 COMPARABLE COURSE
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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

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 230	Introduction to Linear Algebra with Applications	(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) Formerly ENG CS 10		NO COMPARABLE COURSE		
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	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 200	General Physics I (4)
PLAN 2: MATHEMATICS FOR SECONDARY TEACHING					
PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 200	General Physics I (4)
	OR			OR	
STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics (4)
Same as: STATIST 13Y					
	OR			OR	
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 100 & History of Art I (3) ART 102 History of Art II (3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 102 History of Art II (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 222 & Survey of World (3) Literature ENGL 223 Survey of World (3) Literature
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	(4)	ENGL 224 Survey of English (3)

	I: To 1700		Literature	
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)	HIST 110 Early Western Civilization	(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 180	General Biology: Molecules, Cells and Genetics	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

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

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 210	Calculus 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 1	Elementary Arabic	(5)	ARAB 100 Elementary Arabic	(5)
ARABIC 2	Elem Arabic	(5)	NO COMPARABLE COURSE	
ARABIC 3	Elem Arabic	(5)	NO COMPARABLE COURSE	
ARABIC 21	Intermed Arabic	(4)	NO COMPARABLE COURSE	
ARABIC 22	Intermed Arabic	(4)	NO COMPARABLE COURSE	
ARABIC 23	Intermed Arabic	(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 COMPARABLE COURSE	
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COMPARABLE COURSE	
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)	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

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)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COMPARABLE COURSE
REL STD 68	Hinduism	(4)	NO COMPARABLE COURSE

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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 110	Beginning Musicianship I	(2)
MUSIC 2B	Keyboard Competence	(2)	NO COMPARABLE COURSE		
MUSIC 2C	Keyboard Competence	(2)	NO COMPARABLE COURSE		

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

MUSIC 6A	Elementary Theory	(3)	MUS 120	Beginning Harmony I	(3)
MUSIC 6B	Elementary Theory	(3)	MUS 122	Beginning Harmony II	(3)
MUSIC 6C	Elementary Theory	(3)	MUS 220	Intermediate Harmony I	(3)
MUSIC 7A	Intermediate Theory	(3)	NO COMPARABLE COURSE		
MUSIC 7B	Intermediate Theory	(3)	NO COMPARABLE COURSE		
MUSIC 7C	Intermediate Theory	(3)	NO COMPARABLE COURSE		

MUSIC 16A	Elem Musicianship	(2)	MUS 110	Beginning Musicianship I	(2)
MUSIC 16B	Elem Musicianship	(2)	NO COMPARABLE COURSE		
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)	MUS 222	Intermediate Harmony II	(3)
MUSIC 17B	Intermediate Musicianship	(2)	MUS 222	Intermediate Harmony II	(3)
MUSIC 17C	Intermediate Musicianship	(2)	MUS 222	Intermediate Harmony II	(3)

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

MUSIC 24A	Intro Music History	(3)	MUS 200	History and Literature of Music I	(3)
MUSIC 24B	Intro Music History	(3)	MUS 200	History and Literature of Music I	(3)
MUSIC 24C	Intro Music History	(3)	MUS 200	History and Literature	(3)

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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)	NO COMPARABLE COURSE
<hr/>			
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
	OR		OR
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE OR TWO COURSES FROM:

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

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 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)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COMPARABLE COURSE
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)	NO COMPARABLE COURSE
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 120 United States to 1877 (3)
LINGUIS 1	Intro Linguistics	(4)	ENGL 270 Introduction to Linguistics (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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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](#). 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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
NUTR 10	Discoveries and Concepts	(3)	NO COMPARABLE COURSE		
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
	OR			OR	
PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 102	Contemporary Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 192	Calculus I	(4)

MATH 16B	Short Calculus	(3)		MATH 170	Introductory Calculus (4) with Applications
				<u>OR</u>	
				MATH 194	Calculus II (4)

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

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology (3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to (3) Sociology
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)		SOC 102	Contemporary Social (3) Problems

ECON 1A	Princ of Microecon	(4)		ECON 101	Introduction to Micro (3) Economics
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro (3) Economics

PSYCH 1	General Psychology	(4)		PSY 101	Introduction to (3) Psychology
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LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

AGRESEC 15	Pop, Envr, World Agri	(4)		NO COMPARABLE COURSE
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)		NO COMPARABLE COURSE
	Same as: FD S&T 55			
CM&RGDE 2	Ethnicity Amer Comm	(4)		NO COMPARABLE COURSE
INT AG 10	Intro Intl Ag	(4)		NO COMPARABLE COURSE
	Development			

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 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
	OR			OR	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
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CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 206	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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) | NO COMPARABLE COURSE

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)		PHIL 100	Introduction to	(3)
					Philosophy I	
				OR		
				PHIL 102	Introduction to	(3)
					Philosophy II	

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 (4) | NO COURSE ARTICULATED: College has not
w/Disc | submitted course(s) for articulation

e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 104	Ethics	(3)
					Same as: RELS 104	
				OR		
				RELS 104	Ethics	(3)
					Same as: PHIL 104	
	OR			OR		
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
	OR			OR		
PHILOS 24	Intro to Ethics	(4)		NO COMPARABLE COURSE		

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 & (4) | NO COMPARABLE COURSE
World

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 104	Ethics	(3)
					Same as: RELS 104	
					<u>OR</u>	
				RELS 104	Ethics	(3)
					Same as: PHIL 104	
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 106	Logic	(3)
PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE		
PHILOS 24	Intro to Ethics	(4)		NO COMPARABLE COURSE		

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(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		

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE		
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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	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		
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MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	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 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22B	Differntl Equations	(3)	MATH 220	Elementary Differential Equations	(3)

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
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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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 182	General Biology: Principles of Organismal Biology	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 206	Organic Chemistry II	(5)
<hr/>						
MATH 17A	Calculus for BioSci	(4)		MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)		MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE		
	OR				OR	
MATH 21A	Calculus	(4)		MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)
<hr/>						
PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE		

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus	(4)

					with Applications
				<u>OR</u>	
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
				<u>OR</u>	
			MATH 194	Calculus II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)

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)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7C	General Physics	(4)	NO COMPARABLE COURSE		

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		
	<u>OR</u>			<u>OR</u>	
PL SCI 49	Org Crop Prod Prac	(3)	NO COMPARABLE COURSE		

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
	<u>OR</u>			<u>OR</u>	
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)		POLS 102	American Government and Politics	(3)
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THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 106	Introduction to International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 100	Introduction to Political Science	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics	(4)
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)		POLS 102	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 106	Introduction to International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 100	Introduction to Political Science	(3)

ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4)		POLS 102	American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 106	Introduction to International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 100	Introduction to Political Science	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

POL SCI 11B	Citizen Lawmaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 11C	Politics & Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 11D	Political Persuasion	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12A	Politics & Sports	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12B	Climate Chg & Politics	(4)		

POL SCI 51	Scientific Study of Politics	(4)		NO 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			
	OR			OR
STATIST 13	Elementary Statistics	(4)		MATH 119 Elementary Statistics (4)
	Same as: STATIST 13Y			
	OR			OR
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 101	Introduction to Psychology	(3)
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PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Principles of Biological Science	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 100	Physical Anthropology	(3)
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
	OR			OR	
NE PH B 10	Elem Human Physio	(3)	BIOL 206	Human Physiology	(4)

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 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
Same as: STATIST 13Y					

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
	<u>OR</u>		MATH 194	Calculus II	(4)
MATH 17A	Calculus for BioSci	(4)	<u>OR</u>		
MATH 17B	Calculus for Biosci	(4)	MATH 192	Calculus I	(4)
			MATH 194	Calculus II	(4)
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)

PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		

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 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
			<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A
or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

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

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

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

PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSY 212	Research Methods in Psychology	(3)
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STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
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MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
<hr/>					
ENG CS 36A	Programming	(4)	CIS 210	Programming in C++	(3)
	Formerly ENG CS 30		<u>OR</u>		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
				<u>OR</u>	
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	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		
	<u>OR</u>			<u>OR</u>	
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
				<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
<hr/>					
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				<u>OR</u>	
PHYSICS 7A	General Physics	(4)	NO COMPARABLE COURSE		
PHYSICS 7B	General Physics	(4)	NO COMPARABLE COURSE		

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 180	General Biology: Molecules, Cells and Genetics	(4)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 100	Principles of Biological Science	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTH 100	Physical Anthropology	(3)
	OR			OR		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
	OR			OR		
NE PH B 10	Elem Human Physio	(3)		BIOL 206	Human Physiology	(4)

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](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.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	RELS 100	Religions of the Modern World	(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 COMPARABLE COURSE		
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 COMPARABLE COURSE		
REL STD 10A	Contemporary Ethical Issues	(2)	NO COMPARABLE COURSE		
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)	NO COMPARABLE COURSE		
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 COMPARABLE COURSE		
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 COMPARABLE COURSE		
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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE

RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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
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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 COMPARABLE COURSE
	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 101 Introduction to Sociology (3)

 SOCIOL 46A Intro Social Rsch (4) | NO COMPARABLE COURSE
AND
 SOCIOL 46B Intro Social Rsch (5) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2 Self and Society (4) | SOC 206 Social Psychology (3)
 Same as: PSY 206
OR
 PSY 206 Social Psychology (3)
 Same as: SOC 206
 SOCIOL 3 Social Problems (4) | SOC 102 Contemporary Social Problems (3)
 SOCIOL 4 Immigrtn & Opprtnty (4) | SOC 150 Sociology of Minority Groups (3)
 Same as: ADS 150
 SOCIOL 5 Global Soc Change (4) | NO COMPARABLE COURSE
 SOCIOL 11 Sociology of Labor and Employment (4) | NO COMPARABLE COURSE
 SOCIOL 25 Popular Culture (4) | NO COMPARABLE COURSE
 SOCIOL 30A Multicultural Societies (3) | NO COMPARABLE COURSE
 SOCIOL 30B Multicultural Societies (3) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (5) | ANTH 102 Cultural Anthropology (3)
OR
 ANTHRO 20 Comparative Cultures (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A Western Civ (4) | HIST 110 Early Western Civilization (3)
 HISTORY 4B Western Civ (4) | NO COMPARABLE COURSE
 HISTORY 4C Western Civ (4) | HIST 111 Modern Western Civilization (3)
 HISTORY 6 Intro to Middle East (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 HISTORY 7A Latin America to 1700 (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 HISTORY 7B Latin America 1700-1900 (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 HISTORY 7C Latin America 1900-Present (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
 HISTORY 8 Indian Civilization (4) | NO COMPARABLE COURSE
 HISTORY 9A East Asian Civ (4) | NO COMPARABLE COURSE
 HISTORY 9B East Asian Civ (4) | NO COMPARABLE COURSE
 HISTORY 10C World History III (4) | HIST 101 Modern World History (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 120	United States to 1877 (3)
HISTORY 17B	U.S. History	(4)	HIST 121	United States from 1877 (3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 106	Logic (3)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 104	Ethics (3)
			Same as: RELS 104	
			OR	
			RELS 104	Ethics (3)
			Same as: PHIL 104	
PHILOS 24	Intro to Ethics	(4)	NO COMPARABLE COURSE	

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 101	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
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 102	Introduction to Macro Economics	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology	(3)
	OR				OR	
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		HIST 101	Modern World History	(3)
	OR				OR	
POL SCI 2	Intro Comp Politics	(4)		POLS 104	Comparative Politics	(3)

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

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOC 101	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		SOC 102	Contemporary Social Problems	(3)
	OR				OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 150	Sociology of Minority Groups	(3)
					Same as: ADS 150	
	OR				OR	
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COMPARABLE COURSE		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)		POLS 102	American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLS 106	Introduction to International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 100	Introduction to Political Science	(3)
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 110	Early Western Civilization	(3)
HISTORY 4B	Western Civ	(4)		NO COMPARABLE COURSE		
HISTORY 4C	Western Civ	(4)		HIST 111	Modern Western Civilization	(3)
HISTORY 6	Intro to Middle East	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7B	Latin America 1700-1900	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

HISTORY 7C	Latin America 1900-Present	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)		NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4)		NO COMPARABLE COURSE	
HISTORY 9B	East Asian Civ	(4)		NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)		HIST 101	Modern World History (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 120	United States to 1877 (3)
HISTORY 17B	U.S. History	(4)		HIST 121	United States from 1877 (3)

PHILOS 5	Critical Reasoning	(4)		PHIL 106	Logic (3)
	OR				OR
PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 104	Ethics (3)
				Same as: RELS 104	
				OR	
				RELS 104	Ethics (3)
				Same as: PHIL 104	
	OR				OR
PHILOS 24	Intro to Ethics	(4)		NO COMPARABLE COURSE	

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:

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

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

College Foreign Language Requirement Note:

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

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

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 101	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	SOC 206	Social Psychology Same as: PSY 206	(3)
			OR		
			PSY 206	Social Psychology Same as: SOC 206	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 102	Contemporary 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 101	Introduction to Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnnty	(4)	SOC 150	Sociology of Minority Groups	(3)
			Same as: ADS 150		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARABLE COURSE		
SOCIOL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)	NO COMPARABLE COURSE		

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:

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	AND			AND	
SOCIOL 2	Self and Society	(4)	SOC 206	Social Psychology	(3)
				Same as: PSY 206	
			OR		
			PSY 206	Social Psychology	(3)
				Same as: SOC 206	
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 150	Sociology of Minority Groups	(3)
				Same as: ADS 150	
	OR			OR	
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COMPARABLE COURSE		
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 101	Introduction to Micro Economics	(3)

	AND		AND	
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro (3) Economics

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SPANISH 1	Elementary Spanish	(5)	SPAN 100	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 100 &	Elementary Spanish I	(5)
			SPAN 110	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 110	Elementary Spanish II	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 200	Intermediate Spanish I	(5)

OR

SPANISH 22	Intm Spanish	(5)		SPAN 220	Bilingual Spanish I	(5)
				SPAN 210	Intermediate Spanish	(5)
					II	
				<u>OR</u>		
				SPAN 221	Bilingual Spanish II	(5)
SPANISH 23	Span Comp I	(4)		NO COMPARABLE COURSE		
SPANISH 24	Span Comp II	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

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

LINGUIS 1	Intro Linguistics	(4)		ENGL 270	Introduction to	(3)
					Linguistics	

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](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.

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II	(4)
	OR		NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I	(4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II	(4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)

MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	OR		OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 210	Programming in C++	(3)
			OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
	OR		OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(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.

STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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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 170	Introductory Calculus (4) with Applications
			OR	
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I (4)
			MATH 170	Introductory Calculus (4) with Applications
			OR	
MATH 16C	Short Calculus	(3)	MATH 194	Calculus II (4)
	OR		NO COMPARABLE COURSE	
MATH 17A	Calculus for BioSci	(4)	MATH 192	Calculus I (4)
MATH 17B	Calculus for Biosci	(4)	MATH 194	Calculus II (4)
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 192	Calculus I (4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II (4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III (4)

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

MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear (3) Algebra with Applications
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE	

OR			OR	
ENG CS 36A	Programming	(4)	CIS 210	Programming in C++ (3)
	Formerly ENG CS 30		OR	
			CS 220	Introduction to (4)
				Object-Oriented
				Programming Using Java
OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	CS 230	Intermediate (4)
	Formerly ENG CS 40			Object-Oriented
				Programming Using Java

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics (4)
	Same as: STATIST 13Y			
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:

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Davis 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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MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(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 119 Elementary Statistics (4)
Same as: STATIST 13Y			
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

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MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)
OR			OR		
MATH 67	Modern Linear Algebra	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 25	Advanced Calculus	(4)	NO COMPARABLE COURSE		
<hr/>					
ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
OR			OR		
ENG CS 36A	Programming	(4)	CIS 210	Programming in C++	(3)
	Formerly ENG CS 30		OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
OR			OR		
ENG CS 36B	Object-Oriented Program	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(4)
	Formerly ENG CS 40				

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	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
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:**

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

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

MATH 21A	Calculus	(4)	MATH 192	Calculus I	(4)
MATH 21B	Calculus	(4)	MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)	MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)	MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)	MATH 230	Introduction to Linear Algebra with Applications	(3)

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	OR		OR		
ENG CS 36A	Programming (4) Formerly ENG CS 30		CIS 210	Programming in C++	(3)
	OR		OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
	OR		OR		
ENG CS 36B	Object-Oriented Program (4) Formerly ENG CS 40		CS 230	Intermediate Object-Oriented Programming Using Java	(4)

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	OR		OR		

STATIST 13	Elementary Statistics	(4)		MATH 119	Elementary Statistics	(4)
Same as: STATIST 13Y						
	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 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 100	Oral Communication	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
PL SCI 49	Org Crop Prod Prac	(3)	NO COMPARABLE COURSE		

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE		
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		

ABIOSYT 52	OR Field Equip Welding	(2)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 194	Calculus II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
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		
ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 104	Ethics	(3)
			Same as: RELS 104		
			OR		
			RELS 104	Ethics	(3)
			Same as: PHIL 104		
	OR		OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHILOS 24	Intro to Ethics	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
	OR		OR		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 100	Introduction to Political Science	(3)
	OR		OR		
SOCIO 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR		OR		
SOCIO 3	Social Problems	(4)	SOC 102	Contemporary Social Problems	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHIL 106	Logic	(3)
	OR			OR	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 104	Ethics	(3)
			Same as: RELS 104		
	OR		RELS 104	Ethics	(3)
			Same as: PHIL 104		
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	NO COMPARABLE COURSE		

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)

BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Principles of Biological Science	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				
	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

SOILSCI 10	Soils in Our Environment	(3)	AG 120	Soil Science	(3)

ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 100	Introduction to Political Science	(3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 102	Contemporary 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 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
			MATH 194	Calculus II	(4)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)

BIOLSCI 10	Everyday Biology	(4)	BIOL 100	Principles of Biological Science	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30				
	<u>OR</u>			<u>OR</u>	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

SOILSCI 10	Soils in Our Environment	(3)	AG 120	Soil Science	(3)

ECON 1A	Princ of Microecon	(4)	ECON 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 100	Introduction to Political Science	(3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOC 101	Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)	SOC 102	Contemporary Social Problems	(3)

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

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 104	Ethics	(3)
				Same as: RELS 104	
			<u>OR</u>		

			RELS 104	Ethics	(3)
			Same as:	PHIL 104	
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	NO COMPARABLE COURSE		

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.

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

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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.

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COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 102	Introduction to Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 110	Composition and Reading	(4)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COMPARABLE COURSE		
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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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)		NO COMPARABLE COURSE	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)		CIS 101	Introduction to Information Systems (3)
	OR			OR	
ENG CS 36A	Programming	(4)		CIS 210	Programming in C++ (3)
Formerly ENG CS 30				OR	
				CS 220	Introduction to Object-Oriented Programming Using Java (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 101	Introduction to Micro Economics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 102	Introduction to Macro Economics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Cultural Anthropology (3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)		NO COMPARABLE COURSE	
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 100	History of Art I (3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 100 &	History of Art I (3)
	OR			ART 102	History of Art II (3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)		ART 102	History of Art II (3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)		NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)		NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)		PSY 101	Introduction to Psychology (3)

SOCIOL 2	Self and Society	(4)	SOC 206	Social Psychology	(3)
				Same as: PSY 206	
			<u>OR</u>		
			PSY 206	Social Psychology	(3)
				Same as: SOC 206	
STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
	Same as: STATIST 13Y				
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
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)	BUS 210	Principles of Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 220	Principles of Managerial Accounting	(4)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
			MATH 192	Calculus I	(4)
MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
			MATH 194	Calculus II	(4)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 126	Business and the Legal Environment	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)	NO COMPARABLE COURSE		

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:

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

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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)	NO COMPARABLE COURSE		
	OR				
B) ENG CS 15	Intro to Computers	(4)	CIS 101	Introduction to Information Systems	(3)
	OR				
ENG CS 36A	Programming	(4)	CIS 210	Programming in C++	(3)
	Formerly ENG CS 30		OR		
			CS 220	Introduction to Object-Oriented Programming Using Java	(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 101	Introduction to Micro Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 102	Introduction to Macro Economics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Cultural Anthropology	(3)
	OR				
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR				
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 100	History of Art I	(3)
	OR				
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 100 & ART 102	History of Art I History of Art II	(3) (3)
	OR				
ARTHI 1C	Baroque to Modern Art	(4)	ART 102	History of Art II	(3)
	OR				
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR				
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSY 101	Introduction to Psychology	(3)
SOCIOL 2	Self and Society	(4)	SOC 206	Social Psychology	(3)
				Same as: PSY 206	
			OR		
			PSY 206	Social Psychology	(3)
				Same as: SOC 206	

STATIST 13	Elementary Statistics	(4)	MATH 119	Elementary Statistics	(4)
Same as:	STATIST 13Y				

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE
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 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
			MATH 192	Calculus I	(4)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 126	Business and the Legal Environment	(3)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 206	Organic Chemistry II	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	BUS 210	Principles of Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 220	Principles of Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			<u>OR</u>		
			MATH 194	Calculus II	(4)
MATH 16C	Short Calculus	(3)	NO COMPARABLE COURSE		
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:

b) DRAMART 21A	Fundamentals of Act	(4)		THEA 120	Fundamentals of Acting	(3)
DRAMART 40A	Beg Modern Dance	(2)		NO COMPARABLE COURSE		
DRAMART 40B	Int Modern Dance	(2)		NO COMPARABLE COURSE		
DRAMART 42A	Beg Ballet	(2)		NO COMPARABLE COURSE		
DRAMART 42B	Inter Ballet	(2)		NO COMPARABLE COURSE		

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

b) Students at Imperial Valley College who take THEA 120 may receive credit for UC Davis DRAMART 10 or DRAMART 20 or DRAMART 21A, not all three.

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [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 180	General Biology: Molecules, Cells and Genetics	(4)
	OR			OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 192	Calculus I	(4)
MATH 16B	Short Calculus	(3)	MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 194	Calculus II	(4)

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

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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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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UWRITING 1	Expository Writing	(4)	ENGL 110	Composition and Reading	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
	OR			OR	
b) DRAMART 10	Intro To Acting	(4)	THEA 120	Fundamentals of Acting	(3)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Inorganic Chemistry I	(5)
			CHEM 202	General Inorganic Chemistry II	(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 170	Introductory Calculus with Applications	(4)
			OR		
MATH 16B	Short Calculus	(3)	MATH 192	Calculus I	(4)
			MATH 170	Introductory Calculus with Applications	(4)
			OR		
			MATH 194	Calculus II	(4)

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

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

W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Inorganic Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 204 &	Organic Chemistry I	(5)
			CHEM 206	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 206	Organic Chemistry II	(5)

PHYSICS 7A	General Physics	(4)		NO COMPARABLE COURSE
PHYSICS 7B	General Physics	(4)		NO COMPARABLE COURSE
PHYSICS 7C	General Physics	(4)		NO COMPARABLE COURSE

END OF MAJOR

b) Students at Imperial Valley College who take THEA 120 may receive credit for UC Davis DRAMART 10 or 20 or 21A, not all three.

====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 192	Calculus I	(4)
MATH 21B	Calculus	(4)		MATH 194	Calculus II	(4)
MATH 21C	Calculus	(4)		MATH 210	Calculus III	(4)
MATH 21D	Vector Analysis	(4)		MATH 210	Calculus III	(4)
MATH 22A	Linear Algebra	(3)		MATH 230	Introduction to Linear Algebra with Applications	(3)
MATH 22B	Differntl Equations	(3)		MATH 220	Elementary Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)		CHEM 200	General Inorganic Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Inorganic Chemistry I	(5)
				CHEM 202	General Inorganic Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Inorganic Chemistry II	(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 204	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)		CHEM 204	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 204 &	Organic Chemistry I	(5)
				CHEM 206	Organic Chemistry II	(5)

CHEM 129A	Organic Chem Lab	(2)	CHEM 204	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 200	General Physics I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 204	General Physics III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 202	General Physics II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	NO COMPARABLE COURSE		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
ENGIN 17	Circuits I	(4)	ENGR 240	Electric Circuit Analysis	(3)
ENGIN 35	Statics	(4)	ENGR 210	Statics	(3)
ENGIN 45	Prop of Mats	(4)	NO COMPARABLE COURSE		
ENG CS 20	C Sci/Discrete Math	(4)	MATH 240	Discrete Mathematics	(3)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 210	Programming in C++	(3)
			<u>OR</u>		
			CS 220	Introduction to Object-Oriented Programming Using Java	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 230	Intermediate Object-Oriented Programming Using Java	(4)
ENG CS 50	Machine Dependent Prog	(4)	CS 280	Assembly Language and Machine Organization	(4)
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 110	Composition and Reading	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 102	Introduction to Literature	(3)

COMUNCN 1	Intro Public Spkg	(4)	COMM 100	Oral Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 125	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 180	General Biology: Molecules, Cells and Genetics	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	NO COMPARABLE COURSE		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 182	General Biology: Principles of Organismal Biology	(4)
GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR