

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====African American and African Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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	Introduction to Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 101	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOC 110	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLS 100	American Political Institutions	(3)
				<u>OR</u>		
				POLS 101	Introduction to the Government of the United States	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 102	Comparative Political Systems	(3)
PSYCH 1	General Psychology	(4)		PSY 110	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)	ETST 151 Native American History (3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 117 History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HIST 118 History of the United States II (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 COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 117	History of the United States I	(3)
	OR				OR	
POL SCI 1	Amer Natl Govt	(4)		POLS 100	American Political Institutions	(3)
				OR		

POLS 101	Introduction to the	(3)
	Government of the	
	United States	

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

AN SCI 1	Domest Ani & People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 2	Intro Animal Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 21	Livestock&Dairy Jdg	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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 102 Principles of Microeconomics (3)
	OR		OR
ECON 1B	Princ of Macroecon	(4)	ECON 101 Principles of Macroeconomics (3)

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FORMERLY PLANT BIO 1

ENV S&P 10	Current Issues in Environment	(3)	BIOL 138 Introduction to Environmental Sciences (4)
			Same as:

ENV S&P 10 not open for credit to students who have completed ENV S&P 1

ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: SCI&SOC 10		

PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A <u>&</u> Majors' Biology: Animals, Protozoa, Evolution and Classification (5)
			BIOL 112B <u>&</u> Majors' Biology: (5)

				Plants, Algae, Fungi and Ecology	
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
<hr/>					
o) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
GEOLOGY 20	California Geology	(2)	GEOL 114	Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
<hr/>					
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

END OF MAJOR

o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

f) This articulation is "series for series" only.

====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.

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

ONE COURSE FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
------------	------------------------------	-----	----------------------

AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
------------	-------------------	-----	----------------------

AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
------------	----------------	-----	----------------------

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	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)	ETST 151 Native American History (3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 Introduction to Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology (3) Same as:
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 117 History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HIST 118 History of the United States II (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 151 Reading and Composition (1B) (4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 222 Survey of English Literature I (3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 221A Survey of American Literature I (3)
			OR
			ENGL 223 Survey of English Literature II (3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 221B Survey of American Literature II (3)
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:

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

	OR				
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and	(5)

f) MATH 16B	Short Calculus	(3)	MATH 121	<u>&</u>	Calculus II Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
				<u>OR</u>		
			MATH 123	<u>&</u>	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121	<u>&</u>	Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
				<u>OR</u>		
			MATH 123	<u>&</u>	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
	<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121		Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122		Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124		Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223		Analytic Geometry, Vector Analysis and Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)

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

STATIST 13	Elementary Statistics	(4)	STAT 115		Introduction to Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
			MATH 115		Probability and Statistics	(4)

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

f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 2	Intro Animal Sci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification (5)
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology (5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification (5)
				BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology (5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I (5)
				CHEM 132	General Chemistry II (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)		CHEM 231 &	Organic Chemistry I (5)
				CHEM 232	Organic Chemistry II (5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 231 &	Organic Chemistry I (5)
				CHEM 232	Organic Chemistry II (5)
<hr/>					
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	

	OR				OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 110	Introduction to Computer Information Systems	(3)	

ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)	
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)	

MGMT 11A	Elem Accounting	(4)	BUS 112	Financial Accounting	(4)	
MGMT 11B	Elem Accounting	(4)	BUS 113	Managerial Accounting	(5)	

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)	
			MATH 122	Calculus II with Applications	(3)	
			OR			
			MATH 123 &	Analytic Geometry and Calculus I	(5)	
			MATH 124	Analytic Geometry and Calculus II	(5)	
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)	
			MATH 122	Calculus II with Applications	(3)	
			OR			
			MATH 123 &	Analytic Geometry and Calculus I	(5)	
			MATH 124	Analytic Geometry and Calculus II	(5)	
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)	
			MATH 122	Calculus II with Applications	(3)	
			OR			
			MATH 123 &	Analytic Geometry and Calculus I	(5)	
			MATH 124	Analytic Geometry and Calculus II	(5)	
	OR			OR		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)	
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)	
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)	
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)	

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN SCI 18	Intro Aquaculture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
-----------	-------------------	-----	-----------	---	--	--

COMPANION ANIMALS SPECIALIZATION

AN SCI 42	Intro Comp Ani Bio	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
-----------	--------------------	-----	---

DAIRY SPECIALIZATION

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

EQUINE SPECIALIZATION

AN SCI 15	Intro Horse Husb	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
-----------	------------------	-----	---

LIVESTOCK SPECIALIZATION

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

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 107	Business Law	(3)
------------	--------------	-----	---------	--------------	-----

END OF MAJOR

- B) **UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.**
- f) **This articulation is "series for series" only.**

====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 Domestic Ani & People (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

AN SCI 2	Intro Animal Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A & Majors' Biology: Animals, Protozoa, Evolution and Classification (5)	
			BIOL 112B & Majors' Biology: Plants, Algae, Fungi and Ecology (5)	
			BIOL 112C Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A & Majors' Biology: Animals, Protozoa, Evolution and Classification (5)	
			BIOL 112B Majors' Biology: Plants, Algae, Fungi and Ecology (5)	
<hr/>				
CHEM 2A	Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)	
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & General Chemistry I (5)	
			CHEM 132 General Chemistry II (5)	
<hr/>				
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I (5)	
			CHEM 232 Organic Chemistry II (5)	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 & Organic Chemistry I (5)	
			CHEM 232 Organic Chemistry II (5)	
OR				
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 Organic Chemistry I (5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I (5)	
			CHEM 232 Organic Chemistry II (5)	
<hr/>				
f) MATH 16A	Short Calculus	(3)	MATH 121 & Calculus I with Applications (3)	
			MATH 122 Calculus II with Applications (3)	
			OR	
			MATH 123 & Analytic Geometry and Calculus I (5)	
			MATH 124 Analytic Geometry and Calculus II (5)	
f) MATH 16B	Short Calculus	(3)	MATH 121 & Calculus I with Applications (3)	
			MATH 122 Calculus II with Applications (3)	
			OR	
			MATH 123 & Analytic Geometry and Calculus I (5)	
			MATH 124 Analytic Geometry and Calculus II (5)	
OR				
MATH 17A	Calculus for BioSci	(4)	MATH 121 Calculus I with (3)	

MATH 17B	Calculus for Biosci	(4)		MATH 122	Applications Calculus II with Applications	(3)
	OR				OR	
MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and Calculus II	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
-----------	-------------------	-----	--	--	--	--

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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
-----------	--------------------	-----	--	--	--	--

EQUINE SCIENCE

AN SCI 15	Intro Horse Hub	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
-----------	-----------------	-----	--	--	--	--

LABORATORY ANIMALS

AN SCI 42	Intro Comp Ani Bio	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
-----------	--------------------	-----	--	--	--	--

POULTRY

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

END OF MAJOR

f) **This articulation is "series for series" only.**

====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 101	Introduction to Physical/Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 110	Introduction to Archaeology and Prehistory	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ANTHRO 54	Intro to Primatology	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
-----------	------------------------	-----	--

	Anthropology			submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		STAT 115 Introduction to	(4)
Same as: STATIST 13Y				Statistics	
				OR	
				MATH 115 Probability and	(4)
				Statistics	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
				<u>SOCIOCULTURAL EMPHASIS:</u>	
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102 Introduction to	(3)
				Cultural Anthropology	

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)		ANTH 101 Introduction to	(3)
				Physical/Biological	
				Anthropology	
ANTHRO 3	Intr to Archaeology	(4)		ANTH 110 Introduction to	(3)
				Archaeology and	
				Prehistory	
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)		ANTH 103 Globalization and	(3)
				Peoples and Cultures	
				of the World	
ANTHRO 30	Sexualities	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
ANTHRO 32	Drugs, Science and	(4)		NO COURSE ARTICULATED: College has not	
	Culture			submitted course(s) for articulation	
Same as: SCI&TEC 32					
ANTHRO 34	Cultures of Consumerism	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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 101	Introduction to Physical/Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 110	Introduction to Archaeology and Prehistory	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)

			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 115	Probability and Statistics	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

f) This articulation is "series for series" only.

====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 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary	(4)

MATH 22B	Differntl Equations	(3)	MATH 224	Differential Equations Elementary	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	

or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
---------	-----------------------	-----	------------------------	---	--

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) Formerly ENG CS 10		COMP 130	Introduction to Computer Programming Using C++	(4)
ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as:		
			OR		
			COMP 150	Programming in MATLAB for Engineers	(4)
			Same as:		

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
	OR			OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
	OR			OR	
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
	OR			OR	

PHYSICS 9A	Classical Physics	(5)		PHYS 207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)		PHYS 207C	Heat, Light, Sound	(5)
					and Modern Physics	
	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 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
OR			OR		
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)

ATMOSPHERIC PHYSICS CONCENTRATION

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

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A Genl Chemistry (5) | CHEM 131 General Chemistry I (5)

CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 132	General Chemistry II	(5)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)		COMP 130	Introduction to	(4)
	Formerly ENG CS 30				Computer Programming	
					Using C++	
				<u>OR</u>		
				COMP 135	Introduction to	(4)
					Programming in Java	
ENG CS 36B	Object-Oriented Program	(4)		COMP 232	Advanced Programming	(4)
	Formerly ENG CS 40				in JAVA	
				<u>OR</u>		
				COMP 235	Advanced Programming	(4)
					in C++	

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

GEOPHYSICS CONCENTRATION

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

MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)		ENGG 220 &	Electric Circuit	(3)
					Analysis	
				ENGG 220L	Electric Circuits Lab	(1)
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 101	History of Ancient Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 102	History of European Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 102 &	History of European Art	(3)
				ART 103	History of Modern Art	(3)
ARTHI 1D	Arts of Asia	(4)		ART 104	History of Asian Art	(3)
ARTHI 1E	Islamic Art & Architecture	(4)		ART 110	History of Islamic Art	(3)
ARTHI 5	Visual Culture	(4)		NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)		ARCH 100	History of Architecture I	(3)
				<u>OR</u>		
				ARCH 101	History of Architecture II	(3)
				<u>OR</u>		
				ARCH 102	History of Architecture III	(3)

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)		ART 130	Drawing and Composition I	(4)
				<u>OR</u>		
				ART 131	Drawing and Composition II	(4)
ART 5	Beginning Sculpture	(4)		ART 180	Sculpture I	(4)
				<u>OR</u>		
				ART 181	Sculpture II	(4)
ART 7	Beginning Painting	(4)		ART 140	Painting I	(4)

ART 8	Beginning Ceramic Sculpture	(4)		NO COMPARABLE COURSE	
ART 9	Beginning Photography	(4)		NO COMPARABLE COURSE	
ART 11	Beginning Printmaking	(4)		ART 152	Printmaking I (4)
ART 12	Beginning Video	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
ART 24	Intro Experimental Video and Film	(4)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)		ART 130	Drawing and Composition (4)
					I

			<u>OR</u>		
				ART 131	Drawing and Composition (4) II
ART 5	Beginning Sculpture	(4)		ART 180	Sculpture I (4)
			<u>OR</u>		
				ART 181	Sculpture II (4)
ART 7	Beginning Painting	(4)		ART 140	Painting I (4)
ART 8	Beginning Ceramic Sculpture	(4)		NO COMPARABLE COURSE	
ART 9	Beginning Photography	(4)		NO COMPARABLE COURSE	
ART 11	Beginning Printmaking	(4)		ART 152	Printmaking I (4)
ART 12	Beginning Video	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:					
ART 24	Intro Experimental Video and Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 30	Contemp Vis Culture	(4)		NO COMPARABLE COURSE	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 101	History of Ancient Art (3)
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 102	History of European Art (3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 102 &	History of European Art (3)
				ART 103	History of Modern Art (3)
ARTHI 1D	Arts of Asia	(4)		ART 104	History of Asian Art (3)
ARTHI 1E	Islamic Art & Architecture	(4)		ART 110	History of Islamic Art (3)
ARTHI 5	Visual Culture	(4)		NO COMPARABLE COURSE	
ARTHI 25	Understanding Architecture	(4)		ARCH 100	History of Architecture I (3)
			<u>OR</u>		
				ARCH 101	History of Architecture II (3)
			<u>OR</u>		
				ARCH 102	History of Architecture III (3)

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](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.

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE	
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
N A STD 1	Intro NA Studies	(4)	ETST 151 Native American History	(3)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:				
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE	
e) PHILOS 5	Critical Reasoning	(4)	PHIL 112 Introduction to Logic	(3)
N A STD 46	Orientation to Research in NAS	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
1) PSYCH 41	Research Methods	(4)	PSY 205 Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205	
1) SOCIOL 46A	Intro Social Rsch	(4)	PSY 205 Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 115 Introduction to Statistics	(4)
	Same as: STATIST 13Y			
			OR	
			MATH 115 Probability and Statistics	(4)

END OF MAJOR

- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both
- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

College (CCC).

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)

ENG CS 36A	Programming	(4)		COMP 130	Introduction to	(4)
Formerly ENG CS 30					Computer Programming	
					Using C++	
				<u>OR</u>		
				COMP 135	Introduction to	(4)
					Programming in Java	

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and	(5)
					Calculus I	
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and	(5)
					Calculus II	
MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry,	(5)
					Vector Analysis and	
					Calculus III	
MATH 21D	Vector Analysis	(4)		MATH 224	Elementary	(4)
					Differential Equations	
MATH 22A	Linear Algebra	(3)		MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 224	Elementary	(4)
					Differential Equations	

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

PHYSICS 9A	Classical Physics	(5)		PHYS 207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)		PHYS 207C	Heat, Light, Sound	(5)

PHYSICS 9C	Classical Physics	(5)	PHYS 207B	and Modern Physics Electricity and Magnetism	(5)

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 115	Probability and Statistics	(4)

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as:		
			<u>OR</u>		
			COMP 150	Programming in MATLAB for Engineers	(4)
			Same as:		

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)

|PHYS 108B General Physics II (4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 207A	Mechanics and (5)
					Properties of Matter
PHYSICS 9B	Classical Physics	(5)		PHYS 207C	Heat, Light, Sound (5)
					and Modern Physics
PHYSICS 9C	Classical Physics	(5)		PHYS 207B	Electricity and (5)
					Magnetism

CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231 &	Organic Chemistry I (5)
				CHEM 232	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 232	Organic Chemistry II (5)

	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 231	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 231 &	Organic Chemistry I (5)
				CHEM 232	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)		CHEM 232	Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 231	Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 231 &	Organic Chemistry I (5)
				CHEM 232	Organic Chemistry II (5)

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry, (5)
					Vector Analysis and
					Calculus III

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus 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)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
----------	----------	-----	----------	---	-----

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
------------	-----------------------------	-----	--	-----------	---	-----

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A	&	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	&	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A	&	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

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

CHEM 2A	Genl Chemistry	(5)	CHEM 131		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131	&	General Chemistry I	(5)
			CHEM 132		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132		General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231		Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232		Organic Chemistry II	(5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231		Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232		Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231		Organic Chemistry I	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121	&	Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
			OR		OR	
			MATH 123	&	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121	&	Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
			OR		OR	
			MATH 123	&	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
	OR				OR	
MATH 17A	Calculus for BioSci	(4)	MATH 121		Calculus I with	(3)

MATH 17B	Calculus for Biosci	(4)	MATH 122	Applications Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	COMP 117	Discrete Mathematics	(3)
				Same as:	
				OR	
			MATH 117	Discrete Mathematics	(3)
				Same as:	
ENG CS 36A	Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
Formerly ENG CS 30					
				OR	
			COMP 135	Introduction to Programming in Java	(4)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)	COMP 232	Advanced Programming in JAVA	(4)
Formerly ENG CS 40					
				OR	
			COMP 235	Advanced Programming in C++	(4)
ENG CS 36C	Data Structures	(4)	COMP 220	Data Structures and Algorithms	(3)
Formerly ENG CS 60					
ENG CS 50	Machine Dependent Prog	(4)	COMP 160	Computer Organization: An Assembly Language Perspective	(3)

END OF MAJOR

f) This articulation is "series for series" only.

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)

PHYSICS 7C	General Physics	(4)		PHYS 108B	General Physics II	(4)
				PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry,	(5)
					Vector Analysis and	
					Calculus III	

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

complete them after enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Chemical Physics B.S.====

Special Advising Note:

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

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

enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)

CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	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 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR		CHEM 132	General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)		OR	
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

PHYSICS 7A	General Physics	(4)	PHYS 108A	& General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	& General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A	& General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121	& Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123	& Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16B	Short Calculus	(3)	MATH 121	& Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123	& Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16C	Short Calculus	(3)	MATH 121	& Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123	& Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

OR

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)

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

OR			OR		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

END OF MAJOR

f) This articulation is "series for series" only.

====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 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and	(5)
				Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound	(5)
				and Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and	(5)
				Magnetism	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and	(5)
				Calculus II	
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry,	(5)
				Vector Analysis and	
				Calculus III	
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary	(4)
				Differential Equations	
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary	(4)
				Differential Equations	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 232	Organic Chemistry II	(5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
------------	----------------	-----	----------------------	--	--

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)

PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)

	OR		OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 231 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 231 <u>&</u> Organic Chemistry I (5)
				CHEM 232 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)		CHEM 232 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 231 Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 231 <u>&</u> Organic Chemistry I (5)
				CHEM 232 Organic Chemistry II (5)

END OF MAJOR

f) This articulation is "series for series" only.

====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 131 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 <u>&</u> General Chemistry I (5)
				CHEM 132 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 132 General Chemistry II (5)

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

PHYSICS 7A	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)

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

	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 207A Mechanics and (5)
			Properties of Matter
PHYSICS 9B	Classical Physics	(5)	PHYS 207C Heat, Light, Sound (5)
			and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 207B Electricity and (5)
			Magnetism

f) MATH 16A	Short Calculus	(3)	MATH 121 & Calculus I with (3)
			Applications
			MATH 122 Calculus II with (3)
			Applications
			OR
			MATH 123 & Analytic Geometry and (5)
			Calculus I
			MATH 124 Analytic Geometry and (5)
			Calculus II

f) MATH 16B	Short Calculus	(3)	MATH 121 & Calculus I with (3)
			Applications
			MATH 122 Calculus II with (3)
			Applications
			OR
			MATH 123 & Analytic Geometry and (5)
			Calculus I
			MATH 124 Analytic Geometry and (5)
			Calculus II

f) MATH 16C	Short Calculus	(3)	MATH 121 & Calculus I with (3)
			Applications
			MATH 122 Calculus II with (3)
			Applications
			OR
			MATH 123 & Analytic Geometry and (5)
			Calculus I
			MATH 124 Analytic Geometry and (5)
			Calculus II

	OR		OR
MATH 17A	Calculus for BioSci	(4)	MATH 121 Calculus I with (3)
			Applications
MATH 17B	Calculus for Biosci	(4)	MATH 122 Calculus II with (3)
			Applications
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

	OR		OR
MATH 21A	Calculus	(4)	MATH 123 Analytic Geometry and (5)

MATH 21B	Calculus	(4)	MATH 124	Calculus I Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>	MATH 115	Probability and Statistics
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
			<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

END OF MAJOR

f) This articulation is "series for series" only.

====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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)		NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)		NO COMPARABLE COURSE

SPANISH 1	Elementary Spanish	(5)		SPAN 101	Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5)		SPAN 101	& Elementary Spanish I	(4)
				SPAN 102	Elementary Spanish II	(4)
SPANISH 3	Elementary Spanish	(5)		SPAN 102	Elementary Spanish II	(4)
	OR			OR		
SPANISH 28	Inter Conversation	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
------------	----------------------	-----	--

1) PSYCH 41	Methods Research Methods	(4)	submitted course(s) for articulation PSY 205 Introduction to Research Methods (3) Same as: ANTH 205, BEHS 205, SOC 205
1) SOCIO 46A	Intro Social Rsch	(4)	PSY 205 Introduction to Research Methods (3) Same as: ANTH 205, BEHS 205, SOC 205

SPANISH 1	Elementary Spanish	(5)	SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & Elementary Spanish I (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Elementary Spanish II (4)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIO 46A.**

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 101	Elementary Chinese	(4)
				Mandarin I	
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				
j) COMPLIT 14	Intro Poetry	(3)	ENGL 212	Introduction to Poetry	(3)
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
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.**
- j) **The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.**

====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

CINE&TS 41B	Cinema Hist 1945 to the Present	(4)	submitted course(s) for articulation 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		submitted course(s) for articulation

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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 101 History of Ancient Art (3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE

CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 50	Ancient Science Same as: SCI&TEC 50	(4)	NO COMPARABLE COURSE
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 224 Survey of World (3) Literature I
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 115 History of Philosophy: (3) Ancient
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
<hr/>			
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
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 151	Reading and Composition (1B)	(4)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 150	Reading and Composition (1A)	(4)
<hr/>						
COMUNCN 1	Intro Public Spkg	(4)		SPCH 122	Public Speaking	(3)
<hr/>						
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B &	Majors' Biology:	(5)

			BIOL 112C	Plants, Algae, Fungi and Ecology Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & CHEM 132	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 115	Probability and Statistics	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)		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)		PHIL 112 Introduction to Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 1	General Psychology	(4)		PSY 110 Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)		PSY 205 Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205	
STATIST 13	Elementary Statistics	(4)		STAT 115 Introduction to Statistics	(4)
	Same as: STATIST 13Y			OR	
				MATH 115 Probability and Statistics	(4)

END OF MAJOR

- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**

====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)	COMP 117	Discrete Mathematics	(3)
			Same as:		
			OR		
			MATH 117	Discrete Mathematics	(3)
			Same as:		
ENG CS 32A	Intro to Programming(4)		COMP 130	Introduction to	(4)
	Formerly ENG CS 10			Computer Programming	
				Using C++	
			OR		
ENG CS 36A	Programming	(4)	COMP 130	Introduction to	(4)
	Formerly ENG CS 30			Computer Programming	
				Using C++	
			OR		
			COMP 135	Introduction to	(4)
				Programming in Java	
ENG CS 34	UNIX & C++	(5)	NO COURSE	ARTICULATED	
			OR		
ENG CS 36B	Object-Oriented Program	(4)	COMP 232	Advanced Programming	(4)
	Formerly ENG CS 40			in JAVA	
			OR		
			COMP 235	Advanced Programming	(4)

ENG CS 50	Machine Dependent Prog	(4)	COMP 160	in C++ Computer Organization: An Assembly Language Perspective	(3)
ENG CS 32B	Intro to Data Structures	(4)			
	OR			OR	
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	COMP 220	Data Structures and Algorithms	(3)

LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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

PHILOS 12	Intro to Symbol Logic	(4)	PHIL 112	Introduction to Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 115	Probability and Statistics	(4)

<u>Emphasis 2: Neuroscience</u>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 112A &	Majors' Biology:	(5)

	Biodiversity & the Tree of Life			Animals, Protozoa, Evolution and Classification	
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
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)	PHYS 108A & PHYS 108B	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I	(4)
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 115	Probability and Statistics	(4)

END OF MAJOR

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept

College of Marin's PSY 205 in lieu of SOCIOL 46A.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPCH 122 Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		NO COMPARABLE COURSE	
	OR			OR	
COMUNCN 5	Global English Comm	(4)		NO COURSE ARTICULATED:College has not	
	Same as: LINGUIS 5			submitted course(s)for articulation	

OR			OR	
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not	
Same as: COMUNCN 5			submitted course(s) for articulation	

COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not	
			submitted course(s) for articulation	

B) ENG CS 15	Intro to Computers	(4)	CIS 110	Introduction to (3)
				Computer Information
				Systems

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

OR			OR	
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 112	Introduction to Logic (3)

PSYCH 1	General Psychology	(4)	PSY 110	Introduction to (3)
				Psychology

SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to (3)
				Sociology

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
OR			OR	
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to (4)
Same as: STATIST 13Y				Statistics
			OR	
			MATH 115	Probability and (4)
				Statistics

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](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 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)		SPCH 122	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)		ENGL 224	Survey of World Literature I	(3)
COMPLIT 2	Major Books-Middle Ages	(4)		ENGL 224 &	Survey of World	(3)

	to Enlightenment			Literature I	
			ENGL 225	Survey of World Literature II	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 225	Survey of World Literature II	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 151	Reading and Composition (1B)	(4)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
UWRITING 1	Expository Writing	(4)	ENGL 150	Reading and Composition (1A)	(4)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 155	Critical Thinking and Composition	(4)
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 110	Introduction to Computer 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 102	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 115	Introduction to Statistics	(4)
	OR		OR		
			MATH 115	Probability and Statistics	(4)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

END OF MAJOR

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

====Comparative Literature A.B.====

Special Advising Note:

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

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 224	Survey of World Literature I	(3)
	OR			OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 224 &	Survey of World Literature I	(3)
			ENGL 225	Survey of World Literature II	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 225	Survey of World Literature II	(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 224	Survey of World Literature I	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 224 &	Survey of World Literature I	(3)
			ENGL 225	Survey of World Literature II	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 225	Survey of World Literature II	(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		
j) COMPLIT 14	Intro Poetry	(3)	ENGL 212	Introduction to Poetry	(3)
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE		
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE		
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE		
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

END OF MAJOR

j) The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.

====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 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 20	C Sci/Discrete Math	(4)	COMP 117	Discrete Mathematics	(3)
			Same as:		
			OR		
			MATH 117	Discrete Mathematics	(3)
			Same as:		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
			OR		
			COMP 135	Introduction to Programming in Java	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	COMP 232	Advanced Programming in JAVA	(4)
			OR		
			COMP 235	Advanced Programming in C++	(4)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	COMP 220	Data Structures and Algorithms	(3)
ENG CS 50	Machine Dependent Prog	(4)	COMP 160	Computer Organization: An Assembly Language Perspective	(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.

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 112A &	Majors' Biology:	(5)

	Biodiversity & the Tree of Life			Animals, Protozoa, Evolution and Classification	
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & CHEM 132	General Chemistry I	(5)
				General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
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](http://ucdavis.edu/transfer-admission-website). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a

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

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

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

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	ART 112 2-D Art Fundamentals (4)
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol 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)	ENGL 155 Critical Thinking and (4)
	Formerly UWRITING 18		Composition
	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)		ART 104	History of Asian Art	(3)
CHINESE 7	Chinese Business Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
CHINESE 10	Modern Lit (in Engl)	(4)		NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)		NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)		NO COMPARABLE COURSE		
JPNESE 10	Masterworks in English	(4)		NO COMPARABLE COURSE		
JPNESE 25	Language & Culture (in English)	(4)		NO COMPARABLE COURSE		
JPNESE 50	Intro to Literature	(4)		NO COMPARABLE COURSE		

Same as: CHINESE 50			
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 101	Elementary Chinese	(4)
				Mandarin I	
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		
	OR			OR	
y) JPNESE 1	Elem Japanese	(5)	JPNS 101	Elementary Japanese I	(4)
y) JPNESE 2	Elem Japanese	(5)	JPNS 101 &	Elementary Japanese I	(4)
			JPNS 102	Elementary Japanese II	(4)

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and	(5)

				Classification	
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General 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)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

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

PREPARATION FOR GRADUATION:

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

END OF MAJOR

f) This articulation is "series for series" only.

====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 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

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

MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and	(5)
----------	----------	-----	----------	--	-----

f) This articulation is "series for series" only.

====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 151	Reading and Composition (1B)	(4)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 150	Reading and Composition (1A)	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 222	Survey of English Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 221A	Survey of American Literature I	(3)
			OR		
			ENGL 223	Survey of English Literature II	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 221B	Survey of American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 41	Intro Topics Lit & Media	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 43	Intro Topics in Drama	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation		
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE		
j) ENGLISH 45	Intro Topics in Poetry	(4)	ENGL 212	Introduction to Poetry	(3)

END OF MAJOR

j) The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
<hr/>					
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)

			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

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

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
<hr/>					
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE	
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 112C	Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: (5) Animals, Protozoa, Evolution and Classification
				BIOL 112B &	Majors' Biology: (5) Plants, Algae, Fungi and Ecology
				BIOL 112C	Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I (5)
				CHEM 132	General Chemistry II (5)
<hr/>					
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENV S&P 10	Current Issues in Environment	(3)		BIOL 138	Introduction to (4) Environmental Sciences
				Same as:	
	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				
<hr/>					
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	
f) MATH 16A	Short Calculus	(3)		MATH 121 &	Calculus I with Applications (3)
				MATH 122	Calculus II with Applications (3)
				OR	
				MATH 123 &	Analytic Geometry and Calculus I (5)
				MATH 124	Analytic Geometry and Calculus II (5)
	OR			OR	
STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to Statistics (4)
	Same as: STATIST 13Y			OR	
				MATH 115	Probability and Statistics (4)

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

RECOMMENDED COURSES:

COMUNCN 1	Intro Public Spkg	(4)		SPCH 122	Public Speaking	(3)
-----------	-------------------	-----	--	----------	-----------------	-----

END OF MAJOR

f) This articulation is "series for series" only.

====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](http://ucdavis.edu/uc-transfer-admission) 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)		SPCH 122	Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		NO COMPARABLE COURSE		
	OR				OR	

DRAMART 10 Intro To Acting (4) | DRAM 130 Theory and Practice in (3)
Acting I

BIOLSCI 2A Intro Biology: Life on Earth (5) | BIOL 112C Majors' Biology: (5)
Molecules, Cells,
Prokaryotes and
Genetics

OR
BIOLSCI 10 Everyday Biology (4) | BIOL 110 Introduction to (3)
Biology

CHEM 2A Genl Chemistry (5) | CHEM 131 General Chemistry I (5)
OR

CHEM 10 Concept of Chem (4) | CHEM 105 Chemistry in the Human (3)
Environment

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

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: (5)
& Evolution
Animals, Protozoa,
Evolution and
Classification

BIOL 112B & Majors' Biology: (5)
Plants, Algae, Fungi
and Ecology

BIOL 112C Majors' Biology: (5)
Molecules, Cells,
Prokaryotes and
Genetics

OR
CHEM 2B Genl Chemistry (5) | CHEM 131 & General Chemistry I (5)

CHEM 132 General Chemistry II (5)
OR

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

ONE COURSE FROM THE FOLLOWING:

PL SCI 21 Computers in Technology (3) | NO COMPARABLE COURSE

OR

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

ECON 1A Princ of Microecon (4) | ECON 102 Principles of (3)
Microeconomics

ECON 1B Princ of Macroecon (4) | ECON 101 Principles of (3)
Macroeconomics

ONE COURSE FROM THE FOLLOWING:

AN SCI 1 Domest Ani & People (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

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

o) GEOLOGY 1 The Earth (4) | GEOL 120 Physical Geology (3)

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 (3) | NO COURSE ARTICULATED: College has not
Biology submitted course(s) for articulation

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

f) MATH 16A Short Calculus (3) | MATH 121 & Calculus I with (3)

				MATH 122	Applications Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and Calculus II	(5)

POL SCI 1	Amer Natl Govt	(4)		POLS 100	American Political Institutions	(3)
				<u>OR</u>		
				POLS 101	Introduction to the Government of the United States	(3)

STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 115	Probability and Statistics	(4)
				<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

CLIMATE CHANGE POLICY AREA:						
SCI&SOC 25	Global Climate Change	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to

fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPCH 122	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	OR			OR	
DRAMART 10	Intro To Acting	(4)	DRAM 130	Theory and Practice in Acting I	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

o) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
	OR			OR	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
o)					

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

It is highly recommended that students complete an entire physics series at

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

ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

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 COURSE ARTICULATED: College has not
Same as: SCI&SOC 10 | submitted course(s) for articulation
GEOLOGY 35 Rivers (3) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation
LND ARC 60 Landform Grading Studio (6) | NO COMPARABLE COURSE

END OF MAJOR

- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology:	(5)

Plants, Algae, Fungi
and Ecology

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

END OF MAJOR

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

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed

by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM 232	Organic Chemistry II	(5)
			CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A	&	Genetics Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131	&	General Chemistry I	(5)
			CHEM 132		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132		General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231		Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I	(5)
			CHEM 232		Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232		Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 121		Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122		Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
	OR				OR	
MATH 21A	Calculus	(4)	MATH 123		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124		Analytic Geometry and Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 108A	&	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	&	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A	&	General Physics I	(4)
			PHYS 108B		General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 223		Analytic Geometry, Vector Analysis and Calculus III	(5)
----------	----------	-----	----------	--	---	-----

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 131 General Chemistry I (5)

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 131 & General Chemistry I (5)

CHEM 2C Genl Chemistry (5) | CHEM 132 General Chemistry II (5)

B) ENG CS 15 Intro to Computers (4) | CIS 110 Introduction to Computer Information Systems (3)

OR

ENG CS 36A Programming (4) | COMP 130 Introduction to Computer Programming Using C++ (4)

Formerly ENG CS 30

OR

COMP 135 Introduction to Programming in 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.

f) MATH 16A Short Calculus (3) | MATH 121 & Calculus I with Applications (3)

MATH 122 Calculus II with Applications (3)

OR

MATH 123 & Analytic Geometry and Calculus I (5)

MATH 124 Analytic Geometry and Calculus II (5)

f) MATH 16B Short Calculus (3) | MATH 121 & Calculus I with Applications (3)

MATH 122 Calculus II with Applications (3)

OR

MATH 123 & Analytic Geometry and Calculus I (5)

MATH 124 Analytic Geometry and Calculus II (5)

f) MATH 16C Short Calculus (3) | MATH 121 & Calculus I with Applications (3)

MATH 122 Calculus II with Applications (3)

OR

MATH 123 & Analytic Geometry and Calculus I (5)

MATH 124 Analytic Geometry and Calculus II (5)

OR

MATH 21A Calculus (4) | MATH 123 Analytic Geometry and Calculus I (5)

MATH 21B Calculus (4) | MATH 124 Analytic Geometry and Calculus II (5)

MATH 21C	Calculus	(4)	MATH 223	Calculus II Analytic Geometry, Vector Analysis and Calculus III	(5)
----------	----------	-----	----------	--	-----

PHYSICS 7A	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)

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

PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y					
			OR		
			MATH 115	Probability and Statistics	(4)

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
----------	----------------	-----	----------------------	--	--

TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	OR		OR		

ENGIN 45	Prop of Mats	(4)	ENGG 245	Engineering Materials Science	(4)
----------	--------------	-----	----------	----------------------------------	-----

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
-----------	-------------------------	-----	----------------------	--	--

END OF MAJOR

- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.
- f) This articulation is "series for series" only.

====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)		SPCH 122	Public Speaking	(3)
f) MATH 16A	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	AND			AND	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
	AND			AND	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
	AND			AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					

FD S&T 50	Intro Food Preservation	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 115	Probability and Statistics	(4)

NUTR 10	Discoveries and Concepts	(3)	BIOL 100	Nutrition	(3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:					
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 232	Organic Chemistry II	(5)

END OF MAJOR

f) This articulation is "series for series" only.

====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 101	Elementary French I	(4)
FRENCH 2	Elementary French	(5)		FREN 102	Elementary French II	(4)
FRENCH 3	Elementary French	(5)		FREN 102	Elementary French II	(4)
FRENCH 21	Intermed French	(5)		FREN 203	Intermediate French	(4)
					III	
FRENCH 22	Intermed French	(5)		FREN 204	Intermediate French IV	(4)
FRENCH 23	Intermed French	(5)		FREN 225	& Advanced French I	(3)
				FREN 226	Advanced French II	(3)

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE	
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE	
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 103 Globalization and Peoples and Cultures of the World	(3)
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE	
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4)	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 151 Reading and Composition (1B)	(4)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSY 110 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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology	(3)
			Same as:	
SOCIOL 3	Social Problems	(4)	SOC 112 Modern Social Problems	(3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE	
	Formerly UWRITING 19			
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

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

REQUIREMENTS FOR ADMISSION:

(for 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 132	General Chemistry II	(5)
	OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 8A	Organic Chem-Brief	(2)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 232	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122	Calculus II with Applications	(3)

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 123 Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124 Analytic Geometry and Calculus II	(5)

PHYSICS 7A	General Physics	(4)		PHYS 108A & General Physics I	(4)
				PHYS 108B General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 108A & General Physics I	(4)
				PHYS 108B General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 108A & General Physics I	(4)
				PHYS 108B General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 223 Analytic Geometry, Vector Analysis and Calculus III	(5)
----------	----------	-----	--	--	-----

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

b) GEOLOGY 3	History of Life	(3)	GEOL 121	Historical Geology	(4)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 121	Historical Geology	(4)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
o)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 120L	Physical Geology Laboratory	(1)
n) GEOLOGY 60	Earth Materials: Intro	(4)	GEOL 201	Elementary Mineralogy	(4)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

OR

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire

series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to	(4)
	Same as: STATIST 13Y				Statistics	
				<u>OR</u>		
				MATH 115	Probability and	(4)
					Statistics	
	<u>OR</u>			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- n) This course is not strictly comparable with UC Davis course but will fulfill the introductory earth materials requirement for the geology major at UC Davis.
- f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis 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.

b) GEOLOGY 3	History of Life	(3)	GEOL 121	Historical Geology	(4)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 121	Historical Geology	(4)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
o)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 120L	Physical Geology Laboratory	(1)
n) GEOLOGY 60	Earth Materials: Intro	(4)	GEOL 201	Elementary Mineralogy	(4)
GEOLOGY 62	Optical Mineralogy	(2)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary	(4)
				Differential Equations	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and	(5)
				Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound	(5)
				and Modern Physics	

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 224	Elementary	(4)
				Differential Equations	
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and	(5)
				Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound	(5)
				and Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and	(5)
				Magnetism	

END OF MAJOR

- b) **This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.**
- c) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- o) **If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**
- n) **This course is not strictly comparable with UC Davis course but will fulfill the introductory earth materials requirement for the geology major at UC Davis.**

====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 112C Majors' Biology: Molecules, Cells, Prokaryotes and Genetics (5)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A	&	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B	&	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 112A	&	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 131		General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131	&	General Chemistry I	(5)
				CHEM 132		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 132		General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)		CHEM 231	&	Organic Chemistry I	(5)
				CHEM 232		Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 231	&	Organic Chemistry I	(5)
				CHEM 232		Organic Chemistry II	(5)
	OR					OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231		Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	&	Organic Chemistry I	(5)
				CHEM 232		Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		MATH 121		Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122		Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	

PHYSICS 7A	General Physics	(4)		PHYS 108A	&	General Physics I	(4)
				PHYS 108B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 108A	&	General Physics I	(4)
				PHYS 108B		General Physics II	(4)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)		STAT 115		Introduction to Statistics	(4)
	Same as: STATIST 13Y				OR		
				MATH 115		Probability and Statistics	(4)

END OF MAJOR

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

A.AFRICA

HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED

B. ASIA

HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

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

C. EUROPE

HISTORY 4A Western Civ (4) | HIST 110 Western Civilization (3)
I: To 1350
HISTORY 4B Western Civ (4) | HIST 111 Western Civilization (3)
II: 1350 to 1815
HISTORY 4C Western Civ (4) | HIST 112 Western Civilization (3)
III: 19th and 20th
Centuries

D. LATIN AMERICA

p) HISTORY 7A Latin America to 1700 (4) | HIST 214 History of Latin America (3)
p) HISTORY 7B Latin America 1700-1900 (4) | HIST 214 History of Latin America (3)
p) HISTORY 7C Latin America 1900-Present (4) | HIST 214 History of Latin America (3)

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 117 History of the United States I (3)
HISTORY 17B U.S. History (4) | HIST 118 History of the United States II (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) | NO COMPARABLE COURSE
HISTORY 80 US in the Middle East (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 85 Nat, Man & Mach/Amer (4) | NO COMPARABLE COURSE

G. WORLD

HISTORY 1 Introduction to History (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 2 Intro History of Science (4) | NO COURSE ARTICULATED
HISTORY 3 Cities: Survey of World Cultures (4) | NO COMPARABLE COURSE
HISTORY 10A World History to 1350 (4) | HIST 101 World History I: Origins of the Major Traditions (4)
HISTORY 10B World History 1350-1850 (4) | NO COMPARABLE COURSE
HISTORY 10C World History III (4) | HIST 102 World History II: Evolution of the Modern World (4)
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

p) **Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with

lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Introduction to Physical/Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Introduction to 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
	OR			OR		
BIOLSCI 10	Everyday Biology	(4)		BIOL 110	Introduction to Biology	(3)
	OR			OR		
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
NE PH B 12	Human Brain and Disease	(3)		PSY 251	Biological Psychology	(3)
				Same as:		

MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
-----------	----------------------	-----	--	----------------------	--	--

Select one course from:

HISTORY 17A	U.S. History	(4)		HIST 117	History of the United States I	(3)
	OR			OR		
HISTORY 17B	U.S. History	(4)		HIST 118	History of the United States II	(3)
	OR			OR		
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	OR			OR		
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	OR			OR		
POL SCI 1	Amer Natl Govt	(4)		POLS 100	American Political	(3)

	<u>OR</u>	Institutions	
	POLS 101	Introduction to the Government of the United States	(3)

Select two of the following courses:

e) PHILOS 5	Critical Reasoning	(4)	PHIL 112	Introduction to Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	BIOL 145	Ethics in Science	(3)
			Same as:		
			<u>OR</u>		
			GEOL 145	Ethics in Science	(3)
			Same as:		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		

NE PH B 10	Elem Human Physio	(3)	BIOL 224	Human Physiology	(5)
PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)

Select one of the following options:

1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		
			<u>OR</u>		
1) SOCIOL 46A	Intro Social Rsch	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		
			<u>AND</u>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
			<u>OR</u>		
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 115	Probability and Statistics	(4)

END OF MAJOR

- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both
- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)

c) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
o) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 120L	Physical Geology Laboratory	(1)

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as:		
			OR		
			COMP 150	Programming in MATLAB for Engineers	(4)

| Same as:

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 115	Probability and Statistics	(4)
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop,Envr,World Agri	(4)		NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41L	Domest An Prod Lab	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
NUTR 10	Discoveries and Concepts	(3)		BIOL 100 Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)		NO COMPARABLE COURSE	
PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PL SCI 49	Org Crop Prod Prac	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

f) MATH 16B	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				OR		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)		SOC 110	Introduction to Sociology	(3)
				OR		
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Introduction to 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)

END OF MAJOR

f) **This articulation is "series for series" only.**

====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	Introduction to Cultural Anthropology	(3)
	OR			OR	
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

HISTORY 4C	Western Civ	(4)	HIST 112	Western Civilization III: 19th and 20th Centuries	(3)
	OR			OR	
HISTORY 10C	World History III	(4)	HIST 102	World History II: Evolution of the Modern World	(4)

POL SCI 2	Intro Comp Politics	(4)	POLS 102	Comparative Political Systems	(3)

POL SCI 3	Internatl Relations	(4)	POLS 104	International Relations	(3)

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: COMUNCN 12Y, PSYCH 12Y				
	OR			OR	
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
			MATH 115	Probability and Statistics	(4)
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(5)	
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
x) CHINESE 1	Elem Chinese	(5)	CHIN 101 Elementary Chinese (4) Mandarin I
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 101 Elementary French I (4)
FRENCH 2	Elementary French	(5)	FREN 102 Elementary French II (4)
FRENCH 3	Elementary French	(5)	FREN 102 Elementary French II (4)
FRENCH 21	Intermed French	(5)	FREN 203 Intermediate French (4) III
FRENCH 22	Intermed French	(5)	FREN 204 Intermediate French IV (4)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not 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)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101 Elementary Italian I (4)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & Elementary Italian I (4)
			ITAL 102 Elementary Italian II (4)
ITALIAN 3	Elementary Italian	(5)	ITAL 102 Elementary Italian II (4)
ITALIAN 4	Interm Italian	(4)	ITAL 203 Intermediate Italian (4)
			III
ITALIAN 5	Interm Italian	(4)	ITAL 203 & Intermediate Italian (4)
			III
			ITAL 204 Intermediate Italian (4)
			IV
OR			OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101 Elementary Italian I (4)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & Elementary Italian I (4)
			ITAL 102 Elementary Italian II (4)
ITALIAN 3	Elementary Italian	(5)	ITAL 102 Elementary Italian II (4)
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
y) JPNESE 1	Elem Japanese	(5)	JPNS 101 Elementary Japanese I (4)
y) JPNESE 2	Elem Japanese	(5)	JPNS 101 & Elementary Japanese I (4)
			JPNS 102 Elementary Japanese II (4)
y) JPNESE 3	Elem Japanese	(5)	JPNS 102 Elementary Japanese II (4)
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 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & Elementary Spanish I (4)
			SPAN 102 Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Elementary Spanish II (4)
SPANISH 21	Intm Spanish	(5)	SPAN 203 Intermediate Spanish (4)
			III
SPANISH 22	Intm Spanish	(5)	SPAN 204 Intermediate Spanish (4)
			IV
OR			OR

SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ITALIAN 1	Elementary Italian	(5)	ITAL 101	Elementary Italian I	(4)
ITALIAN 2	Elementary Italian	(5)	ITAL 101 &	Elementary Italian I	(4)
			ITAL 102	Elementary Italian II	(4)
ITALIAN 3	Elementary Italian	(5)	ITAL 102	Elementary Italian II	(4)
ITALIAN 4	Interm Italian	(4)	ITAL 203	Intermediate Italian	(4)
				III	
ITALIAN 5	Interm Italian	(4)	ITAL 203 &	Intermediate Italian	(4)
				III	
			ITAL 204	Intermediate Italian	(4)
				IV	
ITALIAN 9	Reading Italian	(4)	ITAL 204	Intermediate Italian	(4)
				IV	

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)	JPNS 101	Elementary Japanese I	(4)
y) JPNESE 2	Elem Japanese	(5)	JPNS 101 & JPNS 102	Elementary Japanese I	(4)
y) JPNESE 3	Elem Japanese	(5)	JPNS 102	Elementary Japanese II	(4)
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)	NO COMPARABLE COURSE
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)		SPCH 122	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)		ENGL 151	Reading and Composition (1B)	(4)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 150	Reading and Composition (1A)	(4)
	OR				OR	
UWRITING 48	Style in the Essay	(4)		ENGL 155	Critical Thinking and Composition	(4)
	Formerly UWRITING 18					
	OR				OR	
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 19					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
ENVHORT 6	Intro Environ Plants	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

f) MATH 16A	Short Calculus	(3)		MATH 121	Calculus I with Applications	(3)

			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
ENG CS 32A	Intro to Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	Formerly ENG CS 10				

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 10	Concept of Chem	(4)	CHEM 105	Chemistry in the Human Environment	(3)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Introductory Physics	(3)
o) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

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

- f) This articulation is "series for series" only.
- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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)		SPCH 122	Public Speaking	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		NO COMPARABLE COURSE		

AGRESEC 18	Business Law	(4)		BUS 107	Business Law	(3)
------------	--------------	-----	--	---------	--------------	-----

ECON 1A	Princ of Microecon	(4)		ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 101	Principles of Macroeconomics	(3)

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		
	OR				OR	
B) ENG CS 15	Intro to Computers	(4)		CIS 110	Introduction to Computer 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 112	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)		BUS 113	Managerial Accounting	(5)

f) MATH 16A	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				OR		
				MATH 123 &	Analytic Geometry and Calculus I	(5)

			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and 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.

f) This articulation is "series for series" only.

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

STRONGLY RECOMMENDED:

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

GEOLOGY 16	The Oceans	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
------------	------------	-----	-----------	---	--

END OF MAJOR

f) This articulation is "series for series" only.

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	AND			AND	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & PHYS 108B	General Physics I General Physics II	(4) (4)

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

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

STRONGLY RECOMMENDED:

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

END OF MAJOR

**===Marine and Coastal Science B.S. (Marine 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and	(5)

f) MATH 16C	Short Calculus	(3)	MATH 121	<u>&</u>	Calculus II Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
				<u>OR</u>		
			MATH 123	<u>&</u>	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121		Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122		Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
				<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124		Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223		Analytic Geometry, Vector Analysis and Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A	<u>&</u>	General Physics I	(4)
			PHYS 108B		General Physics II	(4)

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

				<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)	PHYS 207A		Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C		Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B		Electricity and Magnetism	(5)

STRONGLY RECOMMENDED:

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

END OF MAJOR

f) This articulation is "series for series" only.

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa,	(5)

					Evolution and Classification	
				BIOL 112B	<u>&</u> Majors' Biology: (5) Plants, Algae, Fungi and Ecology	
				BIOL 112C	Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 112A	<u>&</u> Majors' Biology: (5) Animals, Protozoa, Evolution and Classification	
				BIOL 112B	Majors' Biology: (5) Plants, Algae, Fungi and Ecology	

CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131	<u>&</u> General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 132	General Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)		MATH 121	<u>&</u> Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	<u>&</u> Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121	<u>&</u> Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	<u>&</u> Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)		MATH 121	<u>&</u> Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	<u>&</u> Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry, Vector Analysis and	(5)

Calculus III

PHYSICS 7A	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)		PHYS 207C	Heat, Light, Sound	(5)
					and Modern Physics	
PHYSICS 9C	Classical Physics	(5)		PHYS 207B	Electricity and	(5)
					Magnetism	

STRONGLY RECOMMENDED:

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

GEOLOGY 16	The Oceans	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

f) **This articulation is "series for series" only.**

====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 123	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and	(5)
				Calculus II	
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry,	(5)
				Vector Analysis and	
				Calculus III	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with	(3)

MATH 17B	Calculus for Biosci	(4)	Applications	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)	
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)	
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
---------	-----------------------	-----	---

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
------------	---	-----	----------	--	-----

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as:		
			OR		
			COMP 150	Programming in MATLAB for Engineers	(4)
			Same as:		

END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
---------	-----------------------	-----	---	--	--

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		COMP 130	Introduction to Computer Programming Using C++	(4)
	OR			OR	

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as: OR		

			COMP 150	Programming in MATLAB (4) for Engineers
			Same as:	
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of (3) Macroeconomics
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
---------	-----------------------	-----	---	--	--

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		COMP 130	Introduction to Computer Programming Using C++	(4)
	OR			OR	

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
			Same as: OR		

COMP 150 Programming in MATLAB (4)
 for Engineers
Same as:

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 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
---------	-----------------------	-----	---	--	--

ENG CS 32A	Intro to Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	Formerly ENG CS 10				
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB	(4)

	for Engineers
	Same as:
	OR
COMP 150	Programming in MATLAB (4)
	for Engineers
	Same as:

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 207A Mechanics and Properties of Matter (5)
PLAN 2: MATHEMATICS FOR SECONDARY TEACHING			
PHYSICS 7A	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 207A Mechanics and Properties of Matter (5)
	OR		OR
STATIST 13	Elementary Statistics	(4)	STAT 115 Introduction to Statistics (4)
	Same as: STATIST 13Y		OR
			MATH 115 Probability and Statistics (4)
	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 102	History of European Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART 102 &	History of European Art	(3)
				ART 103	History of Modern Art	(3)
ARTHI 1E	Islamic Art & Architecture	(4)		ART 110	History of Islamic Art	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		ENGL 224 &	Survey of World Literature I	(3)

				ENGL 225	Survey of World Literature II	(3)
COMPLIT 10A	Master Authors	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
COMPLIT 10B	Master Authors	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
COMPLIT 10C	Master Authors	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
COMPLIT 10D	Master Authors	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
COMPLIT 10E	Master Authors	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 222	Survey of English Literature I	(3)	
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE			
HISTORY 4A	Western Civ	(4)	HIST 110	Western Civilization I: To 1350	(3)	
HISTORY 4B	Western Civ	(4)	HIST 111	Western Civilization II: 1350 to 1815	(3)	
HUMAN 1	Humanities Forum	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
HUMAN 9	Don Quixote	(2)	NO COURSE	ARTICULATED:	College has not submitted course(s) for articulation	
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 115	History of Philosophy: Ancient	(3)	
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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus 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)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A & General Physics I (4)
			PHYS 108B General Physics II (4)

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

END OF MAJOR

====Microbiology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

MIC BIO 91	Intro Research	(1)	NO COURSE	ARTICULATED	
------------	----------------	-----	-----------	-------------	--

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
----------	----------	-----	----------	---	-----

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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(5)	
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	OR		OR

HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not 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

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

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	ART 110 History of Islamic Art (3)
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 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 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2B	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2C	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

MUSIC 6A	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6B	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

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

MUSIC 24A	Intro Music History	(3)	MUS 102 Music Masterworks	(3)
MUSIC 24B	Intro Music History	(3)	MUS 102 Music Masterworks	(3)
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	ETST 151	Native American History	(3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
	OR		OR		
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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	Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 103	Globalization and Peoples and Cultures of the World	(3)
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
ENV S&P 10	Current Issues in Environment	(3)	BIOL 138	Introduction to Environmental Sciences	(4)
			Same as:		
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1				
p) HISTORY 7A	Latin America to 1700	(4)	HIST 214	History of Latin America	(3)
p) HISTORY 7B	Latin America 1700-1900	(4)	HIST 214	History of Latin America	(3)
p) HISTORY 7C	Latin America 1900-Present	(4)	HIST 214	History of Latin America	(3)
HISTORY 17A	U.S. History	(4)	HIST 117	History of the United States I	(3)
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		

END OF MAJOR

p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.

===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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM 232	Organic Chemistry II	(5)
			CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology:	(5)

				Plants, Algae, Fungi and Ecology	
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)

NUTR 10	Discoveries and Concepts	(3)	BIOL 100	Nutrition	(3)
---------	--------------------------	-----	----------	-----------	-----

1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205	
	OR			OR	
1) SOCIOL 46A	Intro Social Rsch	(4)	PSY 205	Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205	

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

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
----------	-----------------------	-----	----------	---------------------------------------	-----

	OR			OR	
PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)

	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)

	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)

OR

			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

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

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)

ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
---------	--------------------	-----	---------	----------------------------	-----

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

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

Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 15	Intro to Bioethics	(4)	BIOL 145	Ethics in Science	(3)
				Same as:	
			OR		
			GEOL 145	Ethics in Science	(3)
				Same as:	
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE		

END OF MAJOR

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

f) This articulation is "series for series" only.

====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 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)

			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
			<u>OR</u>		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
			<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 232	Organic Chemistry II	(5)

END OF MAJOR

f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

information.

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

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

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) | PHIL 112 Introduction to Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

g) PHILOS 1 Intro to Philos (4) | PHIL 110 Introduction to Philosophy (3)
| OR
| PHIL 111 Introduction to Ethics (3)
| OR
| PHIL 117 History of Philosophy: (3)
| Late Modern to
| Contemporary

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) | PHIL 115 History of Philosophy: (3)
| Ancient

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) | NO COMPARABLE COURSE
OR | OR
PHILOS 15 Intro to Bioethics (4) | BIOL 145 Ethics in Science (3)
| Same as:
OR
| GEOL 145 Ethics in Science (3)
| Same as:
OR | OR
PHILOS 24 Intro to Ethics (4) | PHIL 111 Introduction to Ethics (3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30 Intro Philos of Sci (4) | NO COMPARABLE COURSE
OR | OR
PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE
OR | OR

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

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
-----------	---------------------------	-----	--	---	--

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)		NO COMPARABLE COURSE	
PHILOS 15	Intro to Bioethics	(4)		BIOL 145 Ethics in Science	(3)
				Same as:	
				OR	
				GEOL 145 Ethics in Science	(3)
				Same as:	
PHILOS 16	Phil Foundations of Amer Democ	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

ALL OF THE FOLLOWING COURSES:

e) PHILOS 5	Critical Reasoning	(4)		PHIL 112 Introduction to Logic	(3)
PHILOS 12	Intro to Symbol Logic	(4)		PHIL 112 Introduction to Logic	(3)
PHILOS 24	Intro to Ethics	(4)		PHIL 111 Introduction to Ethics	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)		PHIL 111 Introduction to Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE	
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)		PHIL 112 Introduction to Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		BIOL 145 Ethics in Science	(3)
				Same as:	
				OR	
				GEOL 145 Ethics in Science	(3)
				Same as:	
PHILOS 38	Intro Philos of Biol	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

- g) Students who complete PHIL 111 at College of Marin will receive credit at UC Davis for PHILOS 1 or 24 through academic year 16-17. As of fall 2017, credit will be received for PHILOS 24.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both

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

Special Advising Note:

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

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

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

Special Advising Note for future applicants:*

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

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

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

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)

PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

END OF MAJOR

====Physics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require

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

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

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

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and	(5)
				Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound	(5)
				and Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and	(5)
				Magnetism	
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED: College has not		

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

MATH 21A	Calculus	(4)	MATH 123 Analytic Geometry and Calculus I (5)
MATH 21B	Calculus	(4)	MATH 124 Analytic Geometry and Calculus II (5)
MATH 21C	Calculus	(4)	MATH 223 Analytic Geometry, Vector Analysis and Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 224 Elementary Differential Equations (4)
MATH 22A	Linear Algebra	(3)	MATH 116 Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 224 Elementary Differential Equations (4)

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophysics	(4)	NO COMPARABLE COURSE
-----------	--	-----	----------------------

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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 131 &	General Chemistry I	(5)
				CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
<hr/>						
STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y			OR		
				MATH 115	Probability and Statistics	(4)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)		CHEM 132	General Chemistry II	(5)
---------	----------------	-----	--	----------	----------------------	-----

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)

BIOL 112B	&	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
BIOL 112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)

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

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131	&	General Chemistry I (5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231	&	Organic Chemistry I (5)
			CHEM 232		Organic Chemistry II (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231	&	Organic Chemistry I (5)
			CHEM 232		Organic Chemistry II (5)

OR

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231		Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I (5)
			CHEM 232		Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232		Organic Chemistry II (5)

f) MATH 16A	Short Calculus	(3)	MATH 121	&	Calculus I with Applications (3)
			MATH 122		Calculus II with Applications (3)

OR

			MATH 123	&	Analytic Geometry and Calculus I (5)
			MATH 124		Analytic Geometry and Calculus II (5)

f) MATH 16B	Short Calculus	(3)	MATH 121	&	Calculus I with Applications (3)
			MATH 122		Calculus II with Applications (3)

OR

			MATH 123	&	Analytic Geometry and Calculus I (5)
			MATH 124		Analytic Geometry and Calculus II (5)

OR

MATH 17A	Calculus for BioSci	(4)	MATH 121		Calculus I with Applications (3)
MATH 17B	Calculus for Biosci	(4)	MATH 122		Calculus II with Applications (3)

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

OR

PHYSICS 7A	General Physics	(4)	PHYS 108A	&	General Physics I (4)
			PHYS 108B		General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	&	General Physics I (4)
			PHYS 108B		General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 108A	&	General Physics I (4)
			PHYS 108B		General Physics II (4)

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

physics.

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
	OR			OR	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE		

END OF MAJOR

f) This articulation is "series for series" only.

====Political Science - Public Service A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 100	American Political Institutions	(3)
				OR		
				POLS 101	Introduction to the Government of the United States	(3)

THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)		POLS 102	Comparative Political Systems	(3)
POL SCI 3	Internatl Relations	(4)		POLS 104	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 103	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
------------	------------------------------	-----	--	---	--	--

ONE COURSE FROM THE FOLLOWING:

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					
STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y					
				OR		
				MATH 115	Probability and 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 100	American Political Institutions	(3)
				OR		
				POLS 101	Introduction to the Government of the United States	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 102	Comparative Political Systems	(3)
POL SCI 3	Internatl Relations	(4)		POLS 104	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 103	Political Theory	(3)

ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4)		POLS 100	American Political Institutions	(3)
				OR		
				POLS 101	Introduction to the Government of the United States	(3)
POL SCI 2	Intro Comp Politics	(4)		POLS 102	Comparative Political Systems	(3)
POL SCI 3	Internatl Relations	(4)		POLS 104	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 103	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)		NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11B	Citizen Lawmaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11C	Politics & Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11D	Political Persuasion	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

POL SCI 12A	Politics & Sports	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 12B	Climate Chg & Politics	(4)			

POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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)		STAT 115	Introduction to Statistics (4)
Same as: STATIST 13Y					
OR				OR	
				MATH 115	Probability and Statistics (4)
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 110	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205	

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 115	Probability and Statistics	(4)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 110	Introduction to Biology	(3)
------------	------------------	-----	----------	-------------------------	-----

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 101	Introduction to Physical/Biological Anthropology	(3)
<u>OR</u>			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
<u>OR</u>			<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	BIOL 224	Human Physiology	(5)

END OF MAJOR

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

====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 110	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 115	Probability and Statistics	(4)

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

			OR		
MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
			OR		
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Introductory Physics	(3)
			OR		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 112A &	Majors' Biology:	(5)

	& Evolution			Animals, Protozoa, Evolution and Classification	
			BIOL 112B	& Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A	& Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131	& General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231	& Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231	& Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	& Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231	& Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)

END OF MAJOR

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- f) This articulation is "series for series" only.

====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 110	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 115	Probability and Statistics	(4)
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
ENG CS 36A	Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
Formerly ENG CS 30			<u>OR</u>		
			COMP 135	Introduction to Programming in Java	(4)
<u>OR</u>			<u>OR</u>		
ENG CS 32A	Intro to Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
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)	CHEM 105	Chemistry in the Human Environment	(3)
<u>OR</u>			<u>OR</u>		
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
<u>OR</u>			<u>OR</u>		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Introductory Physics	(3)
<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>			<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C

series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
------------	-----------------------------	-----	--	-----------	---	-----

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOL 110	Introduction to Biology	(3)
------------	------------------	-----	--	----------	-------------------------	-----

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTH 101	Introduction to Physical/Biological Anthropology	(3)
	OR			OR		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
	OR			OR		
NE PH B 10	Elem Human Physio	(3)		BIOL 224	Human Physiology	(5)

END OF MAJOR

- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**

====Religious Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	HUM 118	Introduction to World Religions	(3)
				Same as:	
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE ARTICULATED		
REL STD 6	Intro Health Humanities	(4)	NO COURSE ARTICULATED		
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE		
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE		
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE		
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE		
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ANTHRO 32			

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 110	Introduction to Sociology	(3)
1) SOCIOL 46A	Intro Social Rsch	(4)		PSY 205	Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)		SOC 230	Social Psychology	(3)
				Same as:		
SOCIOL 3	Social Problems	(4)		SOC 112	Modern Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 25	Popular Culture	(4)		NO COMPARABLE COURSE		
SOCIOL 30A	Multicultural Societies	(3)		NO COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Introduction to Cultural Anthropology	(3)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		ANTH 103	Globalization and Peoples and Cultures of the World	(3)

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 110	Western Civilization I: To 1350	(3)
HISTORY 4B	Western Civ	(4)		HIST 111	Western Civilization II: 1350 to 1815	(3)
HISTORY 4C	Western Civ	(4)		HIST 112	Western Civilization III: 19th and 20th	(3)

			Centuries
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
p) HISTORY 7A	Latin America to 1700	(4)	HIST 214 History of Latin America (3)
p) HISTORY 7B	Latin America 1700-1900	(4)	HIST 214 History of Latin America (3)
p) HISTORY 7C	Latin America 1900-Present	(4)	HIST 214 History of Latin America (3)
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	HIST 102 World History II: Evolution of the Modern World (4)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 117 History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HIST 118 History of the United States II (3)

ONE COURSE FROM THE FOLLOWING:

e) PHILOS 5	Critical Reasoning	(4)	PHIL 112 Introduction to Logic (3)
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
PHILOS 24	Intro to Ethics	(4)	PHIL 111 Introduction to Ethics (3)

END OF MAJOR

- 1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**
- p) **Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.**
- e) **Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both**

**====Sociology A.B. (Comparative Studies and World Development)====
Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOC 110	Introduction to Sociology	(3)

SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		

1) SOCIOL 46A	Intro Social Rsch	(4)		PSY 205	Introduction to Research Methods	(3)
				Same as: ANTH 205, BEHS 205, SOC 205		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ECON 1B	Princ of Macroecon	(4)		ECON 101	Principles of Macroeconomics	(3)

ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Introduction to Cultural Anthropology	(3)
	OR			OR		
ANTHRO 20	Comparative Cultures	(4)		ANTH 103	Globalization and Peoples and Cultures of the World	(3)

HISTORY 10C	World History III	(4)		HIST 102	World History II: Evolution of the Modern World	(4)
	OR			OR		
POL SCI 2	Intro Comp Politics	(4)		POLS 102	Comparative Political Systems	(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

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

====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 110	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		SOC 112	Modern Social Problems	(3)
	OR				OR	
SOCIOL 4	Immigrtn & Opprtnnty	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIOL 11	Sociology of Labor and	(4)		NO COURSE ARTICULATED:	College has not	

Employment			submitted course(s) for articulation	
1) SOCIOL 46A	Intro Social Rsch	(4)	PSY 205 Introduction to Research Methods	(3)
			Same as: ANTH 205, BEHS 205, SOC 205	
	AND		AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH 103 Globalization and Peoples and Cultures of the World	(3)
POL SCI 1	Amer Natl Govt	(4)	POLS 100 American Political Institutions	(3)
			OR	
			POLS 101 Introduction to the Government of the United States	(3)
POL SCI 3	Internatl Relations	(4)	POLS 104 International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 103 Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 110 Western Civilization I: To 1350	(3)
HISTORY 4B	Western Civ	(4)	HIST 111 Western Civilization II: 1350 to 1815	(3)
HISTORY 4C	Western Civ	(4)	HIST 112 Western Civilization III: 19th and 20th Centuries	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
p) HISTORY 7A	Latin America to 1700	(4)	HIST 214 History of Latin America	(3)
p) HISTORY 7B	Latin America 1700-1900	(4)	HIST 214 History of Latin America	(3)
p) HISTORY 7C	Latin America 1900-Present	(4)	HIST 214 History of Latin America	(3)
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 102 World History II: Evolution of the Modern World	(4)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 117 History of the United States I	(3)
HISTORY 17B	U.S. History	(4)	HIST 118 History of the United States II	(3)

e) PHILOS 5	Critical Reasoning	(4)	PHIL 112 Introduction to Logic	(3)
	OR		OR	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE	
	OR		OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 111 Introduction to Ethics	(3)

END OF MAJOR

- l) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOC 110	Introduction to	(3)
					Sociology	

SOCIOLOGICAL 2	Self and Society	(4)	SOC 230	Social Psychology	(3)
			Same as:		
	OR			OR	
SOCIOLOGICAL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)
1) SOCIOLOGICAL 46A	Intro Social Rsch	(4)	PSY 205	Introduction to Research Methods	(3)
			Same as:	ANTH 205, BEHS 205, SOC 205	
	AND			AND	
SOCIOLOGICAL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
PSYCHOLOGY 1	General Psychology	(4)	PSY 110	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)	ETST 151	Native American History	(3)
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
SOCIOLOGICAL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
SOCIOLOGICAL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOLOGICAL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE		
SOCIOLOGICAL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOLOGICAL 46A.

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
	AND			AND	
SOCIOL 2	Self and Society	(4)	SOC 230	Social Psychology	(3)
				Same as:	
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
1) SOCIOL 46A	Intro Social Rsch	(4)	PSY 205	Introduction to Research Methods	(3)
	AND			Same as: ANTH 205, BEHS 205, SOC 205	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
	AND		AND		
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

END OF MAJOR

1) **The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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 101	Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5)		SPAN 101 &	Elementary Spanish I	(4)
				SPAN 102	Elementary Spanish II	(4)
SPANISH 3	Elementary Spanish	(5)		SPAN 102	Elementary Spanish II	(4)
SPANISH 21	Intm Spanish	(5)		SPAN 203	Intermediate Spanish	(4)
					III	
SPANISH 22	Intm Spanish	(5)		SPAN 204	Intermediate Spanish	(4)
					IV	
SPANISH 23	Span Comp I	(4)		SPAN 225	Advanced Spanish I	(3)
SPANISH 24	Span Comp II	(4)		SPAN 226	Advanced Spanish II	(3)
					OR	
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

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

LINGUIS 1 Intro Linguistics (4)|NO COMPARABLE COURSE

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

f) MATH 16A Short Calculus (3)|MATH 121 & Calculus I with (3)

					Applications	
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121	& Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)		MATH 121	& Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

MATH 22A	Linear Algebra	(3)		MATH 116	Linear Algebra	(3)

ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10	(4)		COMP 130	Introduction to Computer Programming Using C++	(4)
				<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)		COMP 130	Introduction to Computer Programming Using C++	(4)
				<u>OR</u>		
				COMP 135	Introduction to Programming in Java	(4)
				<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)		COMP 232	Advanced Programming in JAVA	(4)
				<u>OR</u>		
				COMP 235	Advanced Programming in C++	(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

END OF MAJOR

f) This articulation is "series for series" only.

====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.

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and	(5)

					Calculus I	
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121	& Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)		MATH 121	& Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
				<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)		MATH 122	Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)

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

MATH 22A	Linear Algebra	(3)		MATH 116	Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10			COMP 130	Introduction to Computer Programming Using C++	(4)
				<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)		COMP 130	Introduction to Computer Programming Using C++	(4)
				<u>OR</u>		
				COMP 135	Introduction to Programming in Java	(4)
				<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)		COMP 232	Advanced Programming in JAVA	(4)
				<u>OR</u>		
				COMP 235	Advanced Programming in C++	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students,

upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to (4)
	Same as: STATIST 13Y				Statistics
				OR	
				MATH 115	Probability and (4)
					Statistics
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

f) This articulation is "series for series" only.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)

ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	COMP 220	Data Structures and Algorithms	(3)
------------	---------------------------------------	-----	----------	--------------------------------	-----

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics (4)
	Same as: STATIST 13Y			
			OR	
			MATH 115	Probability and Statistics (4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 32A	Intro to Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	Formerly ENG CS 10			OR	
	OR			OR	
ENG CS 36A	Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	Formerly ENG CS 30			OR	
	OR		COMP 135	Introduction to Programming in Java	(4)
	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	COMP 232	Advanced Programming in JAVA	(4)
	Formerly ENG CS 40			OR	
			COMP 235	Advanced Programming in C++	(4)

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

AND ONE COURSE FROM

STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
Same as: STATIST 13Y					
			OR		
			MATH 115	Probability and Statistics	(4)
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)

MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	OR			OR	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	OR			OR	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	COMP 135	Introduction to Programming in Java	(4)
	OR			OR	
			COMP 232	Advanced Programming in JAVA	(4)
			OR		
			COMP 235	Advanced Programming in C++	(4)
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 115	Introduction to Statistics	(4)
	OR			OR	
			MATH 115	Probability and Statistics	(4)
	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)		SPCH 122	Public Speaking	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

Select one of the following courses:

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

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

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

f) MATH 16A	Short Calculus	(3)	MATH 121 & Calculus I with Applications (3)
			MATH 122 Calculus II with Applications (3)
			OR
			MATH 123 & Analytic Geometry and Calculus I (5)
			MATH 124 Analytic Geometry and Calculus II (5)
f) MATH 16B	Short Calculus	(3)	MATH 121 & Calculus I with Applications (3)
			MATH 122 Calculus II with Applications (3)
			OR
			MATH 123 & Analytic Geometry and Calculus I (5)
			MATH 124 Analytic Geometry and Calculus II (5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & General Chemistry I (5)
			CHEM 132 General Chemistry II (5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A & Majors' Biology: Animals, Protozoa, (5)

			Evolution and Classification	
		BIOL 112B &	Majors' Biology: (5)	Plants, Algae, Fungi and Ecology
		BIOL 112C	Majors' Biology: (5)	Molecules, Cells, Prokaryotes and Genetics

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

AN SCI 1 Domest Ani & People (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

AN SCI 2 Intro Animal Sci (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FD S&T 1 Food Sci Principles (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ECON 1A Princ of Microecon (4) | ECON 102 Principles of Microeconomics (3)

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

PHILOS 14 Eth Soc Prob in Soc (4) | NO COMPARABLE COURSE

OR

PHILOS 15 Intro to Bioethics (4) | BIOL 145 Ethics in Science (3)
Same as:

OR

GEOL 145 Ethics in Science (3)
Same as:

OR

PHILOS 24 Intro to Ethics (4) | PHIL 111 Introduction to Ethics (3)

ANTHRO 2 Cultural Anthropology (5) | ANTH 102 Introduction to Cultural Anthropology (3)

OR

POL SCI 4 Bas Cnpt/Pol Thry (4) | POLS 103 Political Theory (3)

OR

SOCIOL 1 Intro Sociology (5) | SOC 110 Introduction to Sociology (3)

OR

SOCIOL 3 Social Problems (4) | SOC 112 Modern Social Problems (3)

TRACK II: FOOD AND SOCIETY

e) PHILOS 5 Critical Reasoning (4) | PHIL 112 Introduction to Logic (3)

OR

PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE

PHILOS 14 Eth Soc Prob in Soc (4) | NO COMPARABLE COURSE

OR

PHILOS 15 Intro to Bioethics (4) | BIOL 145 Ethics in Science (3)
Same as:

OR

GEOL 145 Ethics in Science (3)
Same as:

OR

PHILOS 24 Intro to Ethics (4) | PHIL 111 Introduction to Ethics (3)

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

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	OR	STAT 115	Introduction to Statistics	(4)	
				OR	MATH 115	Probability and Statistics	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)	
BIOLSCI 10	Everyday Biology	(4)		BIOL 110	Introduction to Biology	(3)	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)	
				BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)	
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)	
ENV S&P 1	Env Analysis	(4)	OR	NO COMPARABLE COURSE			
ENV S&P 30	Global Ecosystem Same as: ENV SC&M 30	(3)	OR	NO COMPARABLE COURSE			
W&F BIO 10	Wildl Ecol Conserve	(4)	OR	NO COMPARABLE COURSE			
W&F BIO 51	Intro to Conservation Biology	(3)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
FD S&T 1	Food Sci Principles	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE			
ECON 1A	Princ of Microecon	(4)		ECON 102	Principles of Microeconomics	(3)	
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLS 103	Political Theory	(3)	
ANTHRO 2	Cultural Anthropology	(5)		ANTH 102	Introduction to Cultural Anthropology	(3)	
SOCIOL 1	Intro Sociology	(5)	OR	SOC 110	Introduction to Sociology	(3)	
SOCIOL 3	Social Problems	(4)	OR	SOC 112	Modern 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

f) MATH 16A	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with	(3)

					Applications	
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121	& Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123	& Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)

SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
STATIST 13	Elementary Statistics	(4)		STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 115	Probability and Statistics	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 131	General Chemistry I	(5)

BIOLSCI 10	Everyday Biology	(4)		BIOL 110	Introduction to Biology	(3)

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

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A	& Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL 112B	& Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
	<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>			<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 COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)		ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 101	Principles of Macroeconomics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 103	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	BIOL 145	Ethics in Science	(3)
			Same as:		
			OR		
			GEOL 145	Ethics in Science	(3)
			Same as:		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 111	Introduction to Ethics	(3)

END OF MAJOR

f) **This articulation is "series for series" only.**

e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both

====Sustainable Environmental Design B.S.====

Special Advising Note:

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPCH 122	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)		ENGL 151	Reading and Composition (1B)	(4)
	OR				OR	
UWRITING 1	Expository Writing	(4)		ENGL 150	Reading and Composition (1A)	(4)
	OR				OR	
UWRITING 48	Style in the Essay	(4)		ENGL 155	Critical Thinking and Composition	(4)
	Formerly UWRITING 18					
	OR				OR	
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 19					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 112A &	Majors' Biology: Animals, Protozoa,	(5)

	Evolution and Classification	
BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)

ALL OF THE FOLLOWING COURSES:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR			
B) ENG CS 15	Intro to Computers	(4)	CIS 110	Introduction to Computer Information Systems (3)
	OR			
ENG CS 36A	Programming	(4)	COMP 130	Introduction to Computer Programming Using C++ (4)
	Formerly ENG CS 30			
			OR	
			COMP 135	Introduction to Programming in 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 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to 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 101	History of Ancient Art	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 102	History of European Art	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102 & ART 103	History of European Art History of Modern Art	(3) (3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	ART 104	History of Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 110	Introductory Physics	(3)
PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
SOCIOL 2	Self and Society	(4)	SOC 230	Social Psychology	(3)
			Same as:		
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to Statistics	(4)
	Same as: STATIST 13Y			OR	
			MATH 115	Probability and Statistics	(4)
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 112	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 113	Managerial Accounting	(5)
CHEM 10	Concept of Chem	(4)	CHEM 105	Chemistry in the Human Environment	(3)
	OR			OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
f) MATH 16A	Short Calculus	(3)	MATH 121 & MATH 122	Calculus I with Applications Calculus II with Applications	(3) (3)
				OR	

			MATH 123	&	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121	&	Calculus I with Applications	(3)
			MATH 122		Calculus II with Applications	(3)
			<u>OR</u>			
			MATH 123	&	Analytic Geometry and Calculus I	(5)
			MATH 124		Analytic Geometry and Calculus II	(5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 107	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
f) MATH 16C	Short Calculus	(3)	MATH 121	&	Calculus I with Applications
			MATH 122		Calculus II with Applications
			<u>OR</u>		
			MATH 123	&	Analytic Geometry and Calculus I
			MATH 124		Analytic Geometry and Calculus II

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.
- f) This articulation is "series for series" only.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 110	Introduction to Computer Information Systems	(3)
	OR			OR	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
			OR		
			COMP 135	Introduction to Programming in 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 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to 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 101	History of Ancient Art	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 102	History of European Art	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102 & ART 103	History of European Art History of Modern Art	(3) (3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	ART 104	History of Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Introductory Physics	(3)

PSYCH 1	General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
---------	--------------------	-----	---------	-------------------------------	-----

SOCIOL 2	Self and Society	(4)	SOC 230	Social Psychology	(3)
			Same as:		

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 115	Introduction to Statistics	(4)
			OR		
			MATH 115	Probability and Statistics	(4)

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 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 107	Business Law	(3)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 232	Organic Chemistry II	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	BUS 112	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 113	Managerial Accounting	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			<u>OR</u>		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE		

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

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

f) This articulation is "series for series" only.

====Theatre and Dance A.B.====

Special Advising Note:

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)		DRAM 131	Theory and Practice in (3)
					Acting II
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

====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 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
OR			OR		
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 &	Organic Chemistry I	(5)
			CHEM 232	Organic Chemistry II	(5)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

OR EQUIVALENT AND advisor APPROVAL

f) MATH 16A	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with Applications	(3)
			MATH 122	Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124	Analytic Geometry and Calculus II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
AND			AND		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
OR			OR		
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(4)
			PHYS 108B	General Physics II	(4)

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

VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE		
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE		

END OF MAJOR

f) This articulation is "series for series" only.

===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.

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

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

UWRITING 1	Expository Writing	(4)	ENGL 150	Reading and Composition (1A)	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	SPCH 122	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	OR			OR	
DRAMART 10	Intro To Acting	(4)	DRAM 130	Theory and Practice in Acting I	(3)

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	General Chemistry I	(5)
			CHEM 132	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)

f) MATH 16A	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)		MATH 121 &	Calculus I with Applications	(3)
				MATH 122	Calculus II with Applications	(3)
				<u>OR</u>		
				MATH 123 &	Analytic Geometry and Calculus I	(5)
				MATH 124	Analytic Geometry and Calculus II	(5)

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

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

W&F BIO 10	Wildl Ecol Conserve	(4)		NO COMPARABLE COURSE		
W&F BIO 50	Calif Wild Vertebrates	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)		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 132	General Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231 &	Organic Chemistry I	(5)
				CHEM 232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 232	Organic Chemistry II	(5)
PHYSICS 7A	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 108A &	General Physics I	(4)
				PHYS 108B	General Physics II	(4)

END OF MAJOR

f) This articulation is "series for series" only.

====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 123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & CHEM 132	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & CHEM 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	ENGG 125	Introductory Engineering Graphics	(4)

ENGIN 6	Engr Prob Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
				Same as:	
			<u>OR</u>		
			COMP 150	Programming in MATLAB for Engineers	(4)
				Same as:	
ENGIN 17	Circuits I	(4)	ENGG 220	& Electric Circuit Analysis	(3)
			ENGG 220L	Electric Circuits Lab	(1)
ENGIN 35	Statics	(4)	ENGG 235	Engineering Mechanics - Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGG 245	Engineering Materials Science	(4)
ENG CS 20	C Sci/Discrete Math	(4)	COMP 117	Discrete Mathematics	(3)
				Same as:	
			<u>OR</u>		
			MATH 117	Discrete Mathematics	(3)
				Same as:	
ENG CS 36A	Programming	(4)	COMP 130	Introduction to Computer Programming Using C++	(4)
	Formerly ENG CS 30				
			<u>OR</u>		
			COMP 135	Introduction to Programming in Java	(4)
ENG CS 36B	Object-Oriented Program	(4)	COMP 232	Advanced Programming in JAVA	(4)
	Formerly ENG CS 40				
			<u>OR</u>		
			COMP 235	Advanced Programming in C++	(4)
ENG CS 50	Machine Dependent Prog	(4)	COMP 160	Computer Organization: An Assembly Language Perspective	(3)
ENG CS 36C	Data Structures	(4)	COMP 220	Data Structures and Algorithms	(3)
	Formerly ENG CS 60				
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 150	Reading and Composition (1A)	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 151	Reading and Composition (1B)	(4)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 122	Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
o)					
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.