

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:

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 12	Intro Afro Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Comparative Government and Politics	(3)

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	SOC 31	Chicano Sociology	(3)
N A STD 1	Intro NA Studies	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 10	NA Experience	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AMR STD 10	Intro American Studies	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
A A STD 1	Hist Exp Asian Am	(4)	HIST 41	History of Asian Pacific Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	SOC 41	Sociology of the Asian American	(3)
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 7A	United States History to 1876	(3)
HISTORY 17B	U.S. History	(4)	HIST 7B	United States History from 1876	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
DRAMART 41A	Beg Jazz Dance	(2)	DANC 15A	Jazz Dance I	(1)
DRAMART 41B	Inter Jazz Dance	(2)	DANC 15B	Jazz Dance II	(1)
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 7A	United States History to 1876	(3)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American Government and Politics	(3)

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

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

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

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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	AND		AND
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Economics (3)
	OR		OR
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Economics (3)

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

ENV S&P 10	Current Issues in Environment	(3)	ENVS 1 Introduction to Environmental Science (4)
			OR
			ENVS 2 Human Impact on the Environment (3)

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

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

PL SCI 1	Agr Nature & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 10A Cellular Biology, Genetics & Evolution (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A & Cellular Biology, Genetics & Evolution (5)

			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
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1) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
			<u>OR</u>		
GEOLOGY 20	California Geology	(2)	GEOL 3	Earth and Space Science	(4)
SOILSCI 10	Soils in Our Environment	(3)	GEOL 4	Geology of California	(3)
			NO COMPARABLE COURSE		
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MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)

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

END OF MAJOR

- g) If a student takes BIOL 4 at Pasadena City College, credit will be given for either UC Davis's PLT SCI 5 or PLT SCI 12 or SCI & SOC 12.
- l) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

====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:

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

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

College Foreign Language Requirement Note:

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

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

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

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
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AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
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AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
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AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
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AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
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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 COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 41 History of Asian Pacific Americans (3)
CHICANO 10	Intro to Chic Std	(4)	SOC 31 Chicano Sociology (3)
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3) <u>OR</u> ANTH 2H Honors Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
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 7A United States History to 1876 (3)
HISTORY 17B	U.S. History	(4)	HIST 7B United States History from 1876 (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 25B Women in American Society (3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 1B Reading and Composition (4) <u>OR</u> ENGL 1BH Honors Reading and Composition (4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A English Literature (3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 30A American Literature (3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 30B American Literature (3) <u>OR</u> ENGL 30C American Literature (3) <u>OR</u> ENGL 46B English Literature (3)
FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

Special Advising Note:

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

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

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

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

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

AP and IB examination credit policies 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A <u>&</u>	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
PHYSICS 7B	General Physics	(4)	PHYS 31A General Physics	(5)
			PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
			PHYS 31A & General Physics	(5)
			PHYS 31B General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
			PHYS 31B General Physics	(5)

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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution (5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology (5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis (5)
			CHEM 1B	General Chemistry and Chemical Analysis (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry (5)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics (3)
MGMT 11A	Elem Accounting	(4)	ACCT 1A &	Financial Accounting (5)
			ACCT 1B	Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	ACCT 1B	Managerial Accounting (4)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I (5)
			OR	
			BUS 14B	Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II (5)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I (5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE
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COMPANION ANIMALS SPECIALIZATION

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

DAIRY SPECIALIZATION

AN SCI 41	Domestic Ani Prod	(2) NO COMPARABLE COURSE
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AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
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EQUINE SPECIALIZATION

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

AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
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AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
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POULTRY SPECIALIZATION

AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE
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RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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END OF MAJOR

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

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

Special Advising Note:

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

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AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A Cellular Biology, Genetics & Evolution (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u> Cellular Biology, Genetics & Evolution (5)
			BIOL 10B Diversity of Life on Earth: Structure, Function and Ecology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B Diversity of Life on Earth: Structure, Function and Ecology (5)
<hr/>			
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry and Chemical Analysis (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u> General Chemistry and Chemical Analysis (5)
			CHEM 1B General Chemistry and Chemical Analysis (5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B Organic Chemistry (5)
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A <u>&</u> Organic Chemistry (5)
			CHEM 8B Organic Chemistry (5)
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MATH 16A	Short Calculus	(3)	MATH 5A Single Variable Calculus I (5)
			OR
			BUS 14B Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B Single Variable Calculus II (5)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 5A Single Variable Calculus I (5)
MATH 21B	Calculus	(4)	MATH 5B Single Variable Calculus II (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN SCI 18	Intro Aquaculture	(4)	NO COMPARABLE COURSE
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AVIAN SCIENCES

AV SCI 13	Birds, Humans & Env	(3)	NO COMPARABLE COURSE
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COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

information.

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EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(3)
			<u>OR</u>		
			ANTH 1H	Honors Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTH 2H	Honors Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 3	Introduction to Archaeology	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	PSYC 24	Lifespan Developmental Psychology	(3)
ANTHRO 23	Intr World Prehist	(4)	NO COMPARABLE COURSE		
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 54	Intro to Primatology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTH 2H	Honors Cultural Anthropology	(3)

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(3)
			<u>OR</u>		
			ANTH 1H	Honors Physical Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 3	Introduction to Archaeology	(3)
ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE		

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

language requirement.

2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&TEC 32			
ANTHRO 34	Cultures of Consumerism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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			OR		
			ANTH 1H	Honors Physical Anthropology	(3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTH 2H	Honors Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH 3	Introduction to Archaeology	(3)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	<u>OR</u>			<u>OR</u>	
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CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
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			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for	(4)

END OF MAJOR

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)

MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			<u>OR</u>		
			MATH 55H	Honors Differential Equations	(5)
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 10	Linear Algebra and Applications	(5)
				</	

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

ENG CS 32A	Intro to Programming	(4)	CIS 36	Introduction to Visual BASIC	(3)
	Formerly ENG CS 10		<u>OR</u>		
			CS 2	Fundamentals of Computer Science I	(4)
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 1D	General Physics	(5)
	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 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differential Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)

ATMOSPHERIC PHYSICS CONCENTRATION

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

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

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)
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Formerly ENG CS 30		<u>OR</u>	CS 3C	Fundamentals of Computer (4) Science II (Python)
ENG CS 36B Object-Oriented Program (4)			CIS 16	Java Programming (3)
Formerly ENG CS 40		<u>OR</u>	CS 3A	Fundamentals of Computer (4) Science II (C++)
		<u>OR</u>	CS 3B	Fundamentals of Computer (4) Science II (JAVA)

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

GEOPHYSICS CONCENTRATION

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

MATERIALS SCIENCE CONCENTRATION

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

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGR 16	Engineering Circuits	(3)
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](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 1A	History of Western Art	(3)
			OR		
			ART 4A	History of Ancient Art in the West	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 4B	History of European Medieval Art	(3)
			OR		
			ART 4C	History of European Renaissance and Baroque Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B	History of Western Art	(3)
			OR		
			ART 4D	History of Modern Art	(3)
ARTHI 1D	Arts of Asia	(4)	ART 3A	History of Asian Art	(3)
			OR		
			ART 3B	History of Asian Art	(3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 25	Understanding Architecture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 11A	Foundation Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 25	Beginning Sculpture	(3)
ART 7	Beginning Painting	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 11	Beginning Printmaking	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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 11A	Foundation Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 25	Beginning Sculpture	(3)
ART 7	Beginning Painting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:			
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A History of Western Art (3) <u>OR</u> ART 4A History of Ancient Art (3) in the West
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 4B History of European Medieval Art (3) <u>OR</u> ART 4C History of European Renaissance and Baroque Art (3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B History of Western Art (3) <u>OR</u> ART 4D History of Modern Art (3)
ARTHI 1D	Arts of Asia	(4)	ART 3A History of Asian Art (3) <u>OR</u> ART 3B History of Asian Art (3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 25	Understanding Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
END OF MAJOR			

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

A A STD 1	Hist Exp Asian Am	(4)	HIST 41	History of Asian Pacific Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)	SOC 41	Sociology of the Asian American	(3)
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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 12	Intro Afro Studies	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 16	African Verbal Arts	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 17	Women in Africa	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 51	History Af-Amr Dance	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
AF-AMST 80	Black Politics	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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
Same as: FD S&T 55			
AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	SOC 31 Chicano Sociology (3)
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 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
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 10	Fine Art Appreciation	(4)	ART 5 Art Fundamentals (3)
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 5	Critical Reasoning	(4)	PHIL 25 Introduction to Critical Thinking (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	
PSYCH 41	Research Methods	(4)	PSYC 5 Research Methods in Psychology	(4)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 50 Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>	
			STAT 18 Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this

requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)
Formerly ENG CS 30			<u>OR</u>		
			CS 3C	Fundamentals of Computer Science II (Python)	(4)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			<u>OR</u>		
			MATH 55H	Honors Differential Equations	(5)

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics (5)
			PHYS 1C	General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics (5)
			PHYS 1C	General Physics (5)
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics (4)
Same as: STATIST 13Y			OR	
			STAT 18	Statistics for Behavioral and Social Sciences (4)

PREPARATION FOR GRADUATION:

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

at UC Davis.

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
			PHYS 31A <u>&</u>	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)

OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(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:

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)

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

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

----- Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all

lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

Mathematics 16A/B or 17A/B or 21A/B
Chemistry 2A/B/C

Biological Sciences 2A or 2B or 2C (series completion highly recommended)

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

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

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

We strongly encourage you to complete the entire Biological Sciences 2A/B/C series before matriculating to UC Davis, as this series is a prerequisite for many upper-division courses.

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

Organic Chemistry 8A/B or 118A/B/C*

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function 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 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)

			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
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MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)

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.

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COURSEWORK FOR BIOINFORMATICS OPTION:					
ENG CS 20	C Sci/Discrete Math	(4)	CS 45	Discrete Structures with Computer Science Applications	(5)
			OR		
			MATH 22	Discrete Mathematics	(4)
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)
Formerly ENG CS 30			OR		
			CS 3C	Fundamentals of Computer Science II (Python)	(4)

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 36B	Object-Oriented Program	(4)	CIS 16	Java Programming	(3)
Formerly ENG CS 40			<u>OR</u>		
			CS 3A	Fundamentals of Computer Science II (C++)	(4)
			<u>OR</u>		
			CS 3B	Fundamentals of Computer Science II (JAVA)	(4)
ENG CS 36C	Data Structures	(4)	CS 8	Fundamentals of Computer Science III-Data Structures	(4)
Formerly ENG CS 60					
ENG CS 50	Machine Dependent Prog	(4)	CIS 66	Assembly Language Programming for the Sciences and Mathematics	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A & PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7C	General Physics	(4)	PHYS 31A & PHYS 31B	General Physics	(5)
			PHYS 2A & PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's

community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530) 752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<hr/>			
PHYSICS 9A	Classical Physics	(5)	PHYS 1A General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B & General Physics (5)
			PHYS 1C General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B & General Physics (5)
			PHYS 1C General Physics (5)
PHYSICS 9D	Modern Physics	(4)	PHYS 1D General Physics (5)
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MATH 21A	Calculus	(4)	MATH 5A Single Variable Calculus I (5)
MATH 21B	Calculus	(4)	MATH 5B Single Variable Calculus II (5)
MATH 21C	Calculus	(4)	MATH 5C Multivariable Calculus (5)
MATH 21D	Vector Analysis	(4)	MATH 5C Multivariable Calculus (5)
MATH 22A	Linear Algebra	(3)	MATH 10 Linear Algebra and Applications (5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 22B	Differntl Equations	(3)	MATH 55 Differential Equations (5)
			<u>OR</u>
			MATH 55H Honors Differential Equations (5)
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CHEM 128A	Organic Chemistry	(3)	CHEM 8A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A & Organic Chemistry (5)
			CHEM 8B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A Organic Chemistry (5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

PHYSICS 9C	Classical Physics	(5)	PHYS 1B & PHYS 1C	General Physics General Physics	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A & CHEM 8B	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A & CHEM 8B	Organic Chemistry Organic Chemistry	(5) (5)

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/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.

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
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MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)
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CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 8B	Organic Chemistry	(5)

RECOMMENDED COURSES:

PHYSICS 9D Modern Physics (4) | PHYS 1D General Physics (5)

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
				CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Chemical Analysis	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not		

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

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics (4) PHYS 2B General Physics (4) <u>OR</u> PHYS 31A General Physics (5)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics (4) PHYS 2B General Physics (4) <u>OR</u> PHYS 31A & General Physics (5) PHYS 31B General Physics (5)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics (4) PHYS 2B General Physics (4) <u>OR</u> PHYS 31B General Physics (5)

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)	<u>OR</u> PHYS 1A General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B & General Physics (5) PHYS 1C General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B & General Physics (5) PHYS 1C General Physics (5)

MATH 16A	Short Calculus	(3)	MATH 5A Single Variable Calculus I (5) <u>OR</u> BUS 14B Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B Single Variable Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 5B Single Variable Calculus II (5)

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

MATH 21A	Calculus	(4)	<u>OR</u> MATH 5A Single Variable Calculus I (5)
MATH 21B	Calculus	(4)	MATH 5B Single Variable Calculus II (5)
MATH 21C	Calculus	(4)	MATH 5C Multivariable Calculus (5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A Cellular Biology, Genetics & Evolution (5)
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STATIST 13	Elementary Statistics	(4)	STAT 50 Elementary Statistics (4) <u>OR</u> STAT 18 Statistics for Behavioral and Social Sciences (4)
Same as: STATIST 13Y			

OR			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(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 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	SOC 31	Chicano Sociology	(3)
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		

CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish	(5)
			SPAN 2	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish	(5)
	OR			OR	
d) SPANISH 28	Inter Conversation	(2)	SPAN 9A &	Spanish Conversation	(2)
			SPAN 9B &	Spanish Conversation	(2)
			SPAN 9C	Spanish Conversation	(2)
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 2A	Spanish for Spanish Speakers	(5)
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		

END OF MAJOR

d) If a student takes SPAN 9A+B+C at Pasadena City College, credit will be given for UC Davis's SPANISH 8 or 28, not both.

====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)	SOC 31	Chicano Sociology	(3)
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish	(5)
			SPAN 2	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish	(5)
	OR			OR	
d) SPANISH 28	Inter Conversation	(2)	SPAN 9A &	Spanish Conversation	(2)
			SPAN 9B &	Spanish Conversation	(2)
			SPAN 9C	Spanish Conversation	(2)
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 2A	Spanish for Spanish Speakers	(5)
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		
END OF MAJOR					

d) If a student takes SPAN 9A+B+C at Pasadena City College, credit will be given for UC Davis's SPANISH 8 or 28, not both.

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 1	Elementary Chinese - Mandarin	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 1 &	Elementary Chinese - Mandarin	(5)
			CHIN 2	Elementary Chinese - Mandarin	(5)
x) CHINESE 3	Elem Chinese	(5)	CHIN 2	Elementary Chinese - Mandarin	(5)
x) CHINESE 4	Inter Chinese	(5)	CHIN 3	Intermediate Chinese - Mandarin	(5)
x) CHINESE 5	Inter Chinese	(5)	CHIN 4	Intermediate Chinese - Mandarin	(5)
x) CHINESE 6	Inter Chinese	(5)	CHIN 4	Intermediate Chinese - Mandarin	(5)
	OR			OR	
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHINESE 50	Intro to Literature	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
Same as: JPNESE 50					
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE		
JPNESE 10	Masterworks in English	(4)	NO COURSE	ARTICULATED: College has not	

LINGUIS 1	Intro Linguistics	(4)	submitted course(s) for articulation	
			ANTH 5	Introduction to Linguistic Anthropology (3)
			<u>OR</u>	
			ENGL 10	Introduction to Linguistics (3)
			Same as:	
c) HISTORY 9A	East Asian Civ	(4)	<u>OR</u>	
			LING 10	Introduction to Linguistics (3)
			Same as:	
			HIST 19	History of China, Japan and Korea (3)

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.**
- c) **If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.**

====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](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.

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

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

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

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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 COURSE ARTICULATED: College has not

LATIN 2	Elementary Latin	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LATIN 3	Intermediate Latin	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
GREEK 1	Elem Greek	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GREEK 2	Elem Greek	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GREEK 3	Intermediate Greek	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/Early Gr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 2	Anc Gr & Near East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 3	Rome & The Mediter	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 1A History of Western Art (3) OR ART 4A History of Ancient Art (3) in the West
CLASSIC 1	N East/Early Gr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 2	Anc Gr & Near East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 3	Rome & The Mediter	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 20	Pompeii AD 79	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CLASSIC 50	Ancient Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&TEC 50			
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A World Literature: (3) Antiquity to 1500
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A History of Ancient (3) Philosophy
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
LATIN 2	Elementary Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LATIN 3	Intermediate Latin	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AND			AND
GREEK 1	Elem Greek	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GREEK 2	Elem Greek	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

GREEK 3	Intermediate Greek	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
CLASSIC 2	Anc Gr & Near East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
CLASSIC 3	Rome & The Mediter	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). 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 1B	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1BH	Honors Reading and Composition	(4)
	<u>OR</u>		<u>OR</u>		
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
<hr/>					
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Chemical Analysis	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8A	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
<hr/>					
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			OR		
			PSYC 1H	Honors Introductory Psychology	(3)
<hr/>					
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
<hr/>					

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			<u>OR</u>		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			<u>OR</u>		
			LING 10	Introduction to Linguistics	(3)
			Same as:		
<hr/>					
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<u>OR</u>		<u>OR</u>		
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 30	Logic	(3)
			<u>OR</u>		
			PHIL 33	Introduction to Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
<hr/>					
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

<u>Emphasis 1: Computational</u>				
ENG CS 20	C Sci/Discrete Math	(4)	CS 45	Discrete Structures with Computer Science Applications (5)
			<u>OR</u>	
ENG CS 32A	Intro to Programming(4)		MATH 22	Discrete Mathematics (4)
Formerly ENG CS 10			CIS 36	Introduction to Visual BASIC (3)
			<u>OR</u>	
			CS 2	Fundamentals of Computer Science I (4)
			<u>OR</u>	
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming (3)
Formerly ENG CS 30			<u>OR</u>	
			CS 3C	Fundamentals of Computer Science II (Python) (4)
ENG CS 34	UNIX & C++	(5)	NO COURSE	ARTICULATED
			<u>OR</u>	
ENG CS 36B	Object-Oriented Program	(4)	CIS 16	Java Programming (3)
Formerly ENG CS 40			<u>OR</u>	
			CS 3A	Fundamentals of Computer Science II (C++) (4)
			<u>OR</u>	
			CS 3B	Fundamentals of Computer Science II (JAVA) (4)
ENG CS 50	Machine Dependent Prog	(4)	CIS 66	Assembly Language Programming(4) for the Sciences and Mathematics

ENG CS 32B	Intro to Data Structures	(4)			
OR			OR		
ENG CS 36C Formerly ENG CS 60	Data Structures	(4)	CS 8	Fundamentals of Computer Science III-Data Structures	(4)
LINGUIS 1	Intro Linguistics	(4)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			OR		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			OR		
			LING 10	Introduction to Linguistics	(3)
			Same as:		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
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 30	Logic	(3)
			OR		
			PHIL 33	Introduction to Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			OR		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
Emphasis 2: Neuroscience					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Earth: Structure, Function and Ecology Diversity of Life on Earth: Structure, Function and Ecology	(5)
LINGUIS 1	Intro Linguistics	(4)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			<u>OR</u>		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			<u>OR</u>		
			LING 10	Introduction to Linguistics	(3)
			Same as:		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<u>OR</u>		<u>OR</u>		
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)
	<u>OR</u>		<u>OR</u>		
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in	(4)

				Psychology	
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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
<u>OR</u>			<u>OR</u>

LINGUIS 1	Intro Linguistics	(4)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			<u>OR</u>		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			<u>OR</u>		
			LING 10	Introduction to Linguistics	(3)
			Same as:		

COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
	<u>OR</u>			<u>OR</u>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
	<u>OR</u>			<u>OR</u>	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: LINGUIS 5					
	<u>OR</u>			<u>OR</u>	
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: COMUNCN 5					
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

B) ENG CS 15 Intro to Computers (4) | NO COMPARABLE COURSE

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

	<u>OR</u>			<u>OR</u>	
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 30	Logic	(3)
			<u>OR</u>		
			PHIL 33	Introduction to Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

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

**===Community and Regional Development B.S.===
Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature: Antiquity to 1500	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44B	World Literature: 1500 to 1800 A.D.	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 44C	World Literature - 1800 to Mid-20th Century	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1BH	Honors Reading and Composition	(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 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	NO COMPARABLE COURSE		
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		

CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
OR			OR		
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
<hr/>					
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)

			<u>OR</u>	ANTH 2H	Honors Cultural Anthropology	(3)
			<u>OR</u>			
SOCIOL 1	Intro Sociology	(5)	<u>OR</u>	SOC 1	Introductory Sociology	(3)

STATIST 13	Elementary Statistics	(4)		STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				STAT 18	Statistics for Behavioral and Social Sciences	(4)
			<u>OR</u>			
STATIST 32	Gateway to Data Science	(4)	<u>OR</u>			
			<u>OR</u>			
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
				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](https://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.

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature: Antiquity to 1500	(3)
	OR			OR	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44B	World Literature: 1500 to 1800 A.D.	(3)
	OR			OR	
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 44C	World Literature - 1800 to Mid-20th Century	(3)
	OR			OR	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 44A	World Literature: Antiquity to 1500	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 44B	World Literature: 1500 to 1800 A.D.	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 44C	World Literature - 1800 to Mid-20th Century	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE		
COMPLIT 6	Myths & Legends	(4)	NO COMPARABLE COURSE		
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE		
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE		
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE		
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: GERMAN 11					
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE		
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE		
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE		
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 53A	Lit of East Asia	(4)	ENGL 48	Asian Literature	(3)
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE		
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC

Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

We recommend that Computer Science and Engineering majors have an exposure to UNIX prior to transfer.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact

your counselor or the UC Davis College of Engineering Undergraduate Office at (530) 752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

Mathematics 21A/B/C

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

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

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
<hr/>					
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
OR			OR		
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
ENG CS 20	C Sci/Discrete Math	(4)	CS 45	Discrete Structures with Computer Science Applications	(5)
			OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	MATH 22	Discrete Mathematics	(4)
			CIS 14	C++ Programming	(3)
			OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CS 3C	Fundamentals of Computer Science II (Python)	(4)
			CIS 16	Java Programming	(3)
			OR		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CS 3A	Fundamentals of Computer Science II (C++)	(4)
			CS 3B	Fundamentals of Computer Science II (JAVA)	(4)
			OR		
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	CS 8	Fundamentals of Computer Science III-Data Structures	(4)
			CIS 66	Assembly Language Programming for the Sciences and Mathematics	(4)

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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
<hr/>			
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	OR		OR
i) DESIGN 21	Drafting and Perspective	(4)	ARCH 12A & Visual Communications (3) I ARCH 12B Visual Communications (3) II (Digital Media)
<hr/>			
DESIGN 15	Form & Color	(4)	ART 31A & Color and Composition - (3) Two-Dimensional Design ART 31B Color Theory (3)
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
<hr/>			
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
<hr/>			
UWRITING 11	Pop Sci & Technol Wrtnng	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

UWRITING 48	OR		OR
Style in the Essay	(4)	NO COMPARABLE	COURSE
Formerly UWRITING 18			
UWRITING 49	OR		OR
Writing Research Papers	(4)	NO COMPARABLE	COURSE
Formerly UWRITING 19			
END OF MAJOR			

- i) The Department of Design at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of DESIGN 21. The Department of Landscape Architecture at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of LND ARC 21.

====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.

c) HISTORY 9A	East Asian Civ	(4)	HIST 19	History of China, Japan (3) and Korea
c) HISTORY 9B	East Asian Civ	(4)	HIST 19	History of China, Japan (3) and Korea

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	ART 3A	History of Asian Art (3)
			OR	
CHINESE 7	Chinese Business Culture	(4)	ART 3B	History of Asian Art (3)
CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
COMPLIT 53A	Lit of East Asia	(4)	ENGL 48	Asian Literature (3)
JPNESE 10	Masterworks in English	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
JPNESE 25	Language & Culture (in English)	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
JPNESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
Same as: CHINESE 50				
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE	

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 1	Elementary Chinese - Mandarin	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 1 &	Elementary Chinese - Mandarin	(5)
			CHIN 2	Elementary Chinese - Mandarin	(5)
	OR		OR		
y) JPNESE 1	Elem Japanese	(5)	JAPN 1	Elementary Japanese	(5)
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		

END OF MAJOR

- c) If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.
- 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(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 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

		OR			OR	
MATH 21A	Calculus	(4)		MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Single Variable 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
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END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

- Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
OR			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable 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 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1BH	Honors Reading and Composition	(4)
	<u>OR</u>			<u>OR</u>	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
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ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 46A	English Literature	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 30A	American Literature	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 30B	American Literature	(3)
			<u>OR</u>		
			ENGL 30C	American Literature	(3)
			<u>OR</u>		
			ENGL 46B	English Literature	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 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 course(s) for articulation		
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE		
ENGLISH 45	Intro Topics in Poetry	(4)	ENGL 53	Interpreting Poetry	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
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MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)

Same as: STATIST 13Y		<u>OR</u>	STAT 18	Statistics for Behavioral and Social Sciences	(4)
		<u>OR</u>			
STATIST 32	Gateway to Data Science	(4)	<u>OR</u>	NO COMPARABLE COURSE	
		<u>OR</u>			
PL SCI 21	Computers in Technology	(3)	<u>OR</u>	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

====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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution (5)

			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	OR		OR		
ENV S&P 10	Current Issues in Environment	(3)	ENVS 1	Introduction to Environmental Science	(4)
			OR		
			ENVS 2	Human Impact on the Environment	(3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1					
	OR		OR		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
Same as: ENV SC&M 30					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
	OR		OR		
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(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 1	Fundamentals of Speech	(3)
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END OF MAJOR

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

Special Advising Note:

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

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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 1	Fundamentals of Speech	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
	OR			OR	
m) DRAMART 10	Intro To Acting	(4)	THRT 2A	Acting I	(3)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOL 11	General Biology	(4)
			OR		
			BIOL 11H	Honors General Biology	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	ENVS 3	Chemistry and the Environment	(4)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
<hr/>					
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
	OR			OR	
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
	OR			OR	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

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

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

ONE COURSE FROM THE FOLLOWING:

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
1) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology (4)
			<u>OR</u>	
			GEOL 3	Earth and Space Science (4)
g) PL SCI 12	Plants and Society	(4)	BIOL 4	Plant Biology (4)
Same as: SCI&SOC 12				
FORMERLY PLANT BIO 12				
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I (5)
			<u>OR</u>	
			BUS 14B	Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II (5)
	<u>OR</u>		<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I (5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II (5)

POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American Government and Politics (3)

STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics (4)
Same as: STATIST 13Y			<u>OR</u>	
			STAT 18	Statistics for Behavioral and Social Sciences (4)
	<u>OR</u>		<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

- m) Students at Pasadena City College who take THEATRE ARTS 2A will receive credit for UC Davis's DRAMART 10 OR DRAMART 21A, not both.
- l) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- g) If a student takes BIOL 4 at Pasadena City College, credit will be given for either UC Davis's PLT SCI 5 or PLT SCI 12 or SCI & SOC 12.

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
	OR			OR	
m) DRAMART 10	Intro To Acting	(4)	THRT 2A	Acting I	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

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

1) GEOLOGY 1	The Earth	(4)	GEOL 1	Physical Geology	(4)
			OR		
			GEOL 3	Earth and Space Science	(4)
	OR			OR	
1) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)

PHYS 2B	General Physics	(4)
<u>OR</u>		
PHYS 31B	General Physics	(5)

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

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
<u>OR</u>			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

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

HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not
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

- m) **Students at Pasadena City College who take THEATRE ARTS 2A will receive credit for UC Davis's DRAMART 10 OR DRAMART 21A, not both.**
- l) **If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.**

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

Special Advising Note:

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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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
	OR		CHEM 8B	Organic Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
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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	

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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable	(5)

Calculus II

PHYSICS 7A	General Physics	(4)	PHYS 2A	<u>&</u>	General Physics	(4)
			PHYS 2B		General Physics	(4)
			<u>OR</u>			
PHYSICS 7B	General Physics	(4)	PHYS 31A		General Physics	(5)
			PHYS 2A	<u>&</u>	General Physics	(4)
			PHYS 2B		General Physics	(4)
			<u>OR</u>			
PHYSICS 7C	General Physics	(4)	PHYS 31A	<u>&</u>	General Physics	(5)
			PHYS 31B		General Physics	(5)
			PHYS 2A	<u>&</u>	General Physics	(4)
			PHYS 2B		General Physics	(4)
			<u>OR</u>			
			PHYS 31B		General Physics	(5)

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 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and	(5)
				Chemical Analysis	

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

B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE			
	<u>OR</u>		<u>OR</u>			
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)	
Formerly ENG CS 30			<u>OR</u>			
			CS 3C	Fundamentals of Computer	(4)	
				Science II (Python)		

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

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A & PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 31A & PHYS 31B	General Physics	(5)
			PHYS 2A & PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)
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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B & PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B & PHYS 1C	General Physics	(5)
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
TEX&CL 6	Intro Textiles	(4)	FASH 9	Beginning Textiles	(3)
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENGIN 45	Prop of Mats	(4)	ENGR 14	Materials of Construction	(3)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A & CHEM 8B	Organic Chemistry	(5)
				Organic Chemistry	(5)

CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)

ELECTIVE COURSES:

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

MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			<u>OR</u>		
			MATH 55H	Honors Differential Equations	(5)

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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

FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

NUTR 10	Discoveries and Concepts	(3)	NO COMPARABLE COURSE		
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RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:					
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A &	Organic Chemistry	(5)
	AND		CHEM 8B	Organic Chemistry	(5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 8B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)	FRNC 1	Elementary French	(5)
FRENCH 2	Elementary French	(5)	FRNC 1 &	Elementary French	(5)
			FRNC 2	Elementary French	(5)
FRENCH 3	Elementary French	(5)	FRNC 2	Elementary French	(5)
FRENCH 21	Intermed French	(5)	FRNC 3	Intermediate French	(5)
FRENCH 22	Intermed French	(5)	FRNC 4	Intermediate French	(5)
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE		

Please Note: Based on our experience, and in order to insure

END OF MAJOR

Special Advising Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

AP and IB examination credit policies 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
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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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(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 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3) <u>OR</u> ANTH 2H Honors Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 41 History of Asian Pacific Americans (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	SOC 41 Sociology of the Asian American (3)
CHICANO 10	Intro to Chic Std	(4)	SOC 31 Chicano Sociology (3)
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3	Intro to Lit	(4)	ENGL 1B Reading and Composition (4) <u>OR</u> ENGL 1BH Honors Reading and Composition (4)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	HIST 25B Women in American Society (3)
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(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
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYC 1 Introductory Psychology (3) <u>OR</u> PSYC 1H Honors Introductory Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOC 2 Contemporary Social Problems (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	& General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 2	Historical Geology	(4)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 2	Historical Geology	(4)
1) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
1) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology	(4)
GEOLOGY 60	Earth Materials: Intro	(4)	GEOL 6	Mineralogy	(4)
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MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR		OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)

	<u>OR</u>	
PHYS 31A	<u>&</u>	General Physics (5)
PHYS 31B		General Physics (5)

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)	<u>OR</u>	STAT 50	Elementary Statistics	(4)
Same as:	STATIST 13Y			STAT 18	Statistics for Behavioral and Social Sciences	(4)
	<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.
- 1) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 2	Historical Geology	(4)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 2	Historical Geology	(4)
1) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
1) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology	(4)
GEOLOGY 60	Earth Materials: Intro	(4)	GEOL 6	Mineralogy	(4)
GEOLOGY 62	Optical Mineralogy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)

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

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

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.**
- 1) **If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies 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)	GRMN 1	Elementary German	(5)
GERMAN 2	Elementary German	(5)	GRMN 1 &	Elementary German	(5)
			GRMN 2	Elementary German	(5)
GERMAN 3	Elementary German	(5)	GRMN 2	Elementary German	(5)
GERMAN 20	Intermediate German	(4)	GRMN 3 &	Intermediate German	(5)
			GRMN 4	Intermediate German	(5)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE		
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on	(5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Earth: Structure, Function and Ecology Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)

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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

A.AFRICA

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

B. ASIA

HISTORY 8	Indian Civilization	(4)		NO COMPARABLE COURSE
c) HISTORY 9A	East Asian Civ	(4)		HIST 19 History of China, Japan (3) and Korea
c) HISTORY 9B	East Asian Civ	(4)		HIST 19 History of China, Japan (3) and Korea

C. EUROPE

HISTORY 4A	Western Civ	(4)	HIST 1A	History of European Civilization to 1715	(3)
HISTORY 4B	Western Civ	(4)	HIST 1A &	History of European Civilization to 1715	(3)
			HIST 1B	History of European Civilization from 1715	(3)
HISTORY 4C	Western Civ	(4)	HIST 1B	History of European Civilization from 1715	(3)

D. LATIN AMERICA

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

E. MIDDLE EAST

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

HISTORY 17A	U.S. History	(4)	HIST 7A	United States History to 1876	(3)
HISTORY 17B	U.S. History	(4)	HIST 7B	United States History from 1876	(3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED		
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	HIST 25B	Women in American Society	(3)
HISTORY 80	US in the Middle East	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE		

G. WORLD

HISTORY 1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 2	Intro History of Science	(4)	NO COURSE ARTICULATED		
HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE		
HISTORY 10A	World History to 1350	(4)	HIST 2A	History of World Civilizations to 1500	(3)
HISTORY 10B	World History 1350-1850	(4)	HIST 2B	History of World Civilizations from 1500	(3)
HISTORY 10C	World History III	(4)	HIST 2B	History of World Civilizations from 1500	(3)
HISTORY 11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
HISTORY 12	Food and History	(4)	NO COURSE ARTICULATED: College has not submited 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

c) If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.

===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 1	Physical Anthropology	(3)
			OR		
			ANTH 1H	Honors Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	PSYC 24	Lifespan Developmental Psychology	(3)

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
	OR		OR		
BIOLSCI 10	Everyday Biology	(4)	BIOL 11	General Biology	(4)
	OR		OR		
			BIOL 11H	Honors General Biology	(4)
	OR		OR		
MIC BIO 10	Natural History of Infectious Diseases	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
NE PH B 12	Human Brain and Disease	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 7A	United States History to 1876	(3)
	OR		OR		
HISTORY 17B	U.S. History	(4)	HIST 7B	United States History from 1876	(3)
	OR		OR		
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	OR		OR		
HISTORY 72B	Am Women & Gender	(4)	HIST 25B	Women in American Society	(3)
	OR		OR		
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 25	Introduction to Critical Thinking	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

NE PH B 10	Elem Human Physio	(3)	PYSO 1	Human Physiology	(4)

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)

Select one of the following options:

PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 10	Statist Thinking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

===Hydrology B.S.===

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)

			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			<u>OR</u>		
			MATH 55H	Honors Differential Equations	(5)
1) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
1) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 1	Physical Geology	(4)
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
END OF MAJOR					

1) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, 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
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PL SCI 2	Bot Physio Cul Plt	(4)	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 1B Principles of Economics (3)
	AND		AND
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Economics (3)
STATIST 13	Elementary Statistics	(4)	STAT 50 Elementary Statistics (4)
	Same as: STATIST 13Y		OR
			STAT 18 Statistics for (4)
			Behavioral and Social Sciences
	OR		OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 5A Single Variable (5)
			Calculus I
			OR
			BUS 14B Mathematical Analysis (4)
			for Business - Calculus
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
NUTR 10	Discoveries and Concepts	(3)	NO COMPARABLE COURSE
PL SCI 1	Agr Nature & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 10A Cellular Biology, Genetics & Evolution (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A & Cellular Biology, Genetics & Evolution (5)
			BIOL 10B Diversity of Life on Earth: Structure, Function and Ecology (5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry and Chemical Analysis (5)

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

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTH 2H	Honors Cultural Anthropology	(3)
	<u>OR</u>			<u>OR</u>	
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
HISTORY 4C	Western Civ	(4)	HIST 1B	History of European Civilization from 1715	(3)
	<u>OR</u>			<u>OR</u>	
HISTORY 10C	World History III	(4)	HIST 2B	History of World Civilizations from 1500	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 6	The U.S. and World Politics	(3)
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation		
	SOCIOL 12Y				
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
	<u>OR</u>			<u>OR</u>	
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 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
x) CHINESE 1	Elem Chinese	(5)	CHIN 1 Elementary Chinese - Mandarin (5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 1 & Elementary Chinese - Mandarin (5)
			CHIN 2 Elementary Chinese - Mandarin (5)
x) CHINESE 3	Elem Chinese	(5)	CHIN 2 Elementary Chinese - Mandarin (5)
x) CHINESE 4	Inter Chinese	(5)	CHIN 3 Intermediate Chinese - Mandarin (5)
x) CHINESE 5	Inter Chinese	(5)	CHIN 4 Intermediate Chinese - Mandarin (5)
x) CHINESE 6	Inter Chinese	(5)	CHIN 4 Intermediate Chinese - Mandarin (5)
OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
FRENCH 1	Elementary French	(5)	FRNC 1 Elementary French (5)
FRENCH 2	Elementary French	(5)	FRNC 1 & Elementary French (5)
			FRNC 2 Elementary French (5)
FRENCH 3	Elementary French	(5)	FRNC 2 Elementary French (5)
FRENCH 21	Intermed French	(5)	FRNC 3 Intermediate French (5)
FRENCH 22	Intermed French	(5)	FRNC 4 Intermediate French (5)
OR			OR
GERMAN 1	Elementary German	(5)	GRMN 1 Elementary German (5)
GERMAN 2	Elementary German	(5)	GRMN 1 & Elementary German (5)
			GRMN 2 Elementary German (5)
GERMAN 3	Elementary German	(5)	GRMN 2 Elementary German (5)
GERMAN 20	Intermediate German	(4)	GRMN 3 & Intermediate German (5)
			GRMN 4 Intermediate German (5)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
OR			OR

HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 21	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
OR			OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 2 Elementary Italian (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 3 Intermediate Italian (5)
ITALIAN 4	Interm Italian	(4)	ITAL 4 Intermediate Italian (5)
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
OR			OR
ITALIAN 1	Elementary Italian	(5)	ITAL 1 Elementary Italian (5)
ITALIAN 2	Elementary Italian	(5)	ITAL 2 Elementary Italian (5)
ITALIAN 3	Elementary Italian	(5)	ITAL 3 Intermediate Italian (5)
ITALIAN 8A	Italian Convers	(3)	ITAL 9A Italian Conversation (2)
			OR
ITALIAN 8B	Italian Convers	(3)	ITAL 9B Italian Conversation (2)
			ITAL 9C Italian Conversation (2)
OR			OR
y) JPNESE 1	Elem Japanese	(5)	JAPN 1 Elementary Japanese (5)
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	JAPN 2 Elementary Japanese (5)
y) JPNESE 4	Inter Japanese	(5)	JAPN 3 Intermediate Japanese (5)
y) JPNESE 5	Inter Japanese	(5)	JAPN 4 Intermediate Japanese (5)
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
OR			OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
RUSSIAN 1	Elementary Russian	(5)	RUSS 1 Elementary Russian (5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 1 & Elementary Russian (5)
			RUSS 2 Elementary Russian (5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 2 Elementary Russian (5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 3 Intermediate Russian (5)
RUSSIAN 5	Intermed Russian	(4)	RUSS 3 & Intermediate Russian (5)

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

OR			OR		
SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish	(5)
			SPAN 2	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish	(5)
OR			OR		
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 2A	Spanish for Spanish Speakers	(5)
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 1	Elementary Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 2	Elementary Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 3	Intermediate Italian	(5)
ITALIAN 4	Interm Italian	(4)	ITAL 4	Intermediate Italian	(5)
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE		

RECOMMENDED: Study abroad in Italy for a period of one year, one semester, or one quarter, and/or the study of Latin or another Romance language.

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

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

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

Japanese Placement Examination Note:

Students who have studied Japanese previously must take the UC Davis placement examination before enrolling in Japanese language courses at UC Davis. If

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

y) JPNese 1	Elem Japanese	(5)	JAPN 1	Elementary Japanese	(5)
y) JPNese 2	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNese 3	Elem Japanese	(5)	JAPN 2	Elementary Japanese	(5)
y) JPNese 4	Inter Japanese	(5)	JAPN 3	Intermediate Japanese	(5)
y) JPNese 5	Inter Japanese	(5)	JAPN 4	Intermediate Japanese	(5)
y) JPNese 6	Inter Japanese	(5)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

JPNese 10	Masterworks in English	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
JPNese 25	Language & Culture (in English)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: JPNese 50					
LINGUIS 1	Intro Linguistics	(4)	ANTH 5	Introduction to	(3)
				Linguistic Anthropology	
				<u>OR</u>	

			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			<u>OR</u>		
			LING 10	Introduction to Linguistics	(3)
			Same as:		
c) HISTORY 9B	East Asian Civ	(4)	HIST 19	History of China, Japan and Korea	(3)

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.**

c) **If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.**

====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 1	Fundamentals of Speech	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1BH	Honors Reading and Composition	(4)
<u>OR</u>			<u>OR</u>		
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)

			<u>OR</u>	ENGL 1AH	Honors Reading and Composition	(4)
	<u>OR</u>		<u>OR</u>			
UWRITING 48	Style in the Essay	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 18					
	<u>OR</u>		<u>OR</u>			
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE		
	Formerly UWRITING 19					

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
				BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

ENVHORT 6	Intro Environ Plants	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)		MATH 5A	Single Variable Calculus I	(5)
				<u>OR</u>		
				BUS 14B	Mathematical Analysis for Business - Calculus	(4)
STATIST 13	Elementary Statistics	(4)		STAT 50	Elementary Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>		
				STAT 18	Statistics for Behavioral and Social Sciences	(4)
ENG CS 32A	Intro to Programming	(4)		CIS 36	Introduction to Visual BASIC	(3)
	Formerly ENG CS 10			<u>OR</u>		
				CS 2	Fundamentals of Computer Science I	(4)

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 10	Concept of Chem	(4)		ENVS 3	Chemistry and the Environment	(4)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)		PHYS 10	Descriptive Introduction to Physics	(3)
1) GEOLOGY 1	The Earth	(4)		GEOL 1	Physical Geology	(4)
				<u>OR</u>		
SOILSCI 10	Soils in Our Environment	(3)		GEOL 3	Earth and Space Science	(4)
				NO COMPARABLE COURSE		

LND ARC 1	Intro Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place, Culture, Community	(4)		NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I	(4)		ARCH 12A &	Visual Communications I	(3)
	Formerly Design Visualization			ARCH 12B	Visual Communications II (Digital Media)	(3)
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

- 1) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.
- i) The Department of Design at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of DESIGN 21. The Department of Landscape Architecture at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of LND ARC 21.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission-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)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			OR		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			OR		
			LING 10	Introduction to Linguistics	(3)
			Same as:		

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 1	Fundamentals of Speech	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics	(3)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		

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

MGMT 11A	Elem Accounting	(4)	ACCT 1A &	Financial Accounting	(5)
			ACCT 1B	Managerial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 1B	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science

Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

**====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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)

MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)
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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(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 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
AND			AND		
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)

PHYS 2B	General Physics	(4)
OR		
PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(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. (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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)

MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(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

====Materials Science & Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who

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

END OF MAJOR

====Mathematical & Scientific Computation B.S.====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)

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

MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)
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 10	Linear Algebra and Applications	(5)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		CIS 36	Introduction to Visual BASIC	(3)
			OR		
			CS 2	Fundamentals of Computer Science I	(4)

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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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://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.

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)
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 10	Linear Algebra and Applications	(5)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4)		CIS 36	Introduction to Visual	(3)
	Formerly ENG CS 10			BASIC	
			<u>OR</u>		
			CS 2	Fundamentals of Computer	(4)
				Science I	
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)

ECON 1B Princ of Macroecon (4)|ECON 1A Principles of Economics (3)

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

-Mathematics 21A/B/C/D

-Mathematics 22A or Mathematics 67

-Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22B	Differential Equations	(3)	MATH 55	Differential Equations	(5)

OR

			MATH 55H	Honors Differential Equations	(5)
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MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
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AND

MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		
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AND

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming	(4)	CIS 36	Introduction to Visual BASIC	(3)
	Formerly ENG CS 10				

OR

CS 2	Fundamentals of Computer Science I	(4)
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OR

ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
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Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22B	Differential Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)
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 10	Linear Algebra and Applications	(5)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming	(4)	CIS 36	Introduction to Visual BASIC	(3)
	Formerly ENG CS 10				
			OR		
			CS 2	Fundamentals of Computer Science I	(4)
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A	General Physics	(5)
	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
	<u>OR</u>			<u>OR</u>	
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for	(4)
				Behavioral and Social	
				Sciences	
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Mechanical Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

MEDV-ST 20A	Medieval Culture	(5)	NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)	NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	ART 4B	History of European Medieval Art	(3)
			<u>OR</u>		
			ART 4C	History of European Renaissance and Baroque Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B	History of Western Art	(3)
			<u>OR</u>		
ARTHI 1E	Islamic Art & Architecture	(4)	ART 4D	History of Modern Art	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 10A	Master Authors	(2)	ENGL 44B	World Literature: 1500 to 1800 A.D.	(3)
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ENGLISH 10A	Literatures in English	(4)	ENGL 46A	English Literature	(3)

	I: To 1700		
GERMAN 48	Myth & Saga	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4A	Western Civ	(4)	HIST 1A History of European Civilization to 1715 (3)
HISTORY 4B	Western Civ	(4)	HIST 1A & History of European Civilization to 1715 (3)
			HIST 1B History of European Civilization from 1715 (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 20A History of Ancient Philosophy (3)
PHILOS 22	Phil Classics: Modern	(4)	PHIL 20B History of Modern Philosophy (3)

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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A <u>&</u>	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A <u>&</u>	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable 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 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A <u>&</u>	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A <u>&</u>	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
PHYSICS 7C	General Physics	(4)	PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)

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

MIC BIO 91 Intro Research	(1)	NO COURSE ARTICULATED
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RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

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 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 21	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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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)	MUSC 4A	Keyboard Skills I	(1)
MUSIC 2B	Keyboard Competence	(2)	MUSC 4B	Keyboard Skills II	(1)
MUSIC 2C	Keyboard Competence	(2)	MUSC 4C	Keyboard Skills III	(1)

**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)	MUSC 7A	Music History and Literature	(3)
MUSIC 24B	Intro Music History	(3)	MUSC 7A &	Music History and Literature	(3)
			MUSC 7B	Music History and Literature	(3)
MUSIC 24C	Intro Music History	(3)	MUSC 7B	Music History and Literature	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3) <u>OR</u> ANTH 2H Honors Cultural Anthropology (3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 41 History of Asian Pacific Americans (3)
A A STD 2	Contemp Issues of Asian Americans	(4)	SOC 41 Sociology of the Asian American (3)
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	SOC 31 Chicano Sociology (3)
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 10	Current Issues in Environment	(3)	ENVS 1 Introduction to Environmental Science (4) <u>OR</u> ENVS 2 Human Impact on the Environment (3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 7A United States History to 1876 (3)
LINGUIS 1	Intro Linguistics	(4)	ANTH 5 Introduction to Linguistic Anthropology (3) <u>OR</u> ENGL 10 Introduction to Linguistics (3) Same as:

OR		
LING 10	Introduction to	(3)
	Linguistics	
Same as:		

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

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

PHYSICS 7A	General Physics	(4)	PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
PHYSICS 7C	General Physics	(4)	PHYS 31A	& General Physics	(5)
			PHYS 31B	General Physics	(5)
			PHYS 2A	& General Physics	(4)
			PHYS 2B	General Physics	(4)
OR			OR		
			PHYS 31B	General Physics	(5)

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

END OF MAJOR

===Nutrition Science B.S.===

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	Chemical Analysis General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
	OR		CHEM 8B	Organic Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
	OR		CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
NUTR 10	Discoveries and Concepts	(3)	NO COMPARABLE COURSE		
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

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

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
	OR		ANTH 2H	Honors Cultural Anthropology	(3)
PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
	OR		PSYC 1H	Honors Introductory Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
	OR		BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable 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 2	Cultural Anthropology	(3)
	OR		ANTH 2H	Honors Cultural Anthropology	(3)

OR			OR		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
OR			OR		
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)

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

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			OR		
			PSYC 1H	Honors Introductory 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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: FD S&T 55					
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
SCI&SOC 2	Feeding the Planet	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

PHYSICS 7A	General Physics	(4)	PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
			PHYS 31A General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
			PHYS 31A & General Physics	(5)
			PHYS 31B General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A & General Physics	(4)
			PHYS 2B General Physics	(4)
			OR	
			PHYS 31B General Physics	(5)

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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)

MATH 16A	Short Calculus	(3)	MATH 5A Single Variable Calculus I	(5)
			OR	
			BUS 14B Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B Single Variable Calculus II	(5)

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

OR			OR		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A & Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B Diversity of Life on	(5)

				Earth: Structure, Function and Ecology	
	OR			OR	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
	Same as: STATIST 13Y		OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A <u>&</u>	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A <u>&</u>	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 8A <u>&</u>	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 8B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 30	Logic	(3)
			<u>OR</u>		
			PHIL 33	Introduction to Symbolic Logic	(3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

e) PHILOS 1	Intro to Philos	(4)	PHIL 1	Introduction to Philosophy	(3)
			<u>OR</u>		
			PHIL 1H	Honors Introduction to Philosophy	(3)
			<u>OR</u>		
			PHIL 20B	History of Modern Philosophy	(3)

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A	History of Ancient Philosophy	(3)
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c. EARLY MODERN PHILOSOPHY

PHILOS 22	Phil Classics: Modern	(4)	PHIL 20B	History of Modern Philosophy	(3)
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d. PHILOSOPHY OF MIND

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

h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7	Contemporary Moral Problems	(3)
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PHILOS 15	Intro to Bioethics	(4)	OR	NO COMPARABLE COURSE	
PHILOS 24	Intro to Ethics	(4)	OR	PHIL 3 Ethics	(3)
			OR	PHIL 7 Contemporary Moral Problems	(3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	OR	NO COMPARABLE COURSE	
PHILOS 31	Scientific Reason	(4)	OR	NO COMPARABLE COURSE	
PHILOS 32	Scientific Change	(4)	OR	NO COMPARABLE COURSE	
PHILOS 38	Intro Philos of Biol	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

h) PHILOS 14	Eth Soc Prob in Soc	(4)	OR	PHIL 7 Contemporary Moral Problems	(3)
PHILOS 15	Intro to Bioethics	(4)	OR	NO COMPARABLE COURSE	
PHILOS 16	Phil Foundations of Amer Democ	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)	OR	PHIL 25 Introduction to Critical Thinking	(3)
PHILOS 12	Intro to Symbol Logic	(4)	OR	PHIL 30 Logic	(3)
			OR	PHIL 33 Introduction to Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)	OR	PHIL 3 Ethics	(3)
			OR	PHIL 7 Contemporary Moral Problems	(3)

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

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

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)	OR	PHIL 30 Logic	(3)
			OR	PHIL 33 Introduction to Symbolic Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	OR	NO COMPARABLE COURSE	
PHILOS 38	Intro Philos of Biol	(4)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

- e) Students who complete PHIL 20B at Pasadena City College will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017, they will receive credit for PHILOS 22
- h) Students who complete PHIL 7 at Pasadena City College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Physics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 1D	General Physics	(5)
	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	
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MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differerntl Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)
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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 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 1B &	General Physics	(5)
			PHYS 1C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 1D	General Physics	(5)
	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 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differntl Equations	(3)	MATH 55	Differential Equations	(5)
			OR		
			MATH 55H	Honors Differential Equations	(5)

PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED		

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE
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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission.

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

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

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

RECOMMENDED COURSES:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

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

PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics (4)
			OR	
PHYSICS 7B	General Physics	(4)	PHYS 31A & PHYS 2A & PHYS 2B	General Physics (5)
			OR	
PHYSICS 7C	General Physics	(4)	PHYS 31A & PHYS 31B & PHYS 2A & PHYS 2B	General Physics (5)
			OR	
			PHYS 31B	General Physics (5)

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 5C	Multivariable Calculus (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](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)

			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31B	General Physics	(5)

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 1B	Principles of Economics (3)
	OR			OR	
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 1	Introduction to American (3)
					Government and Politics

THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POLS 2	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 6	The U.S. and World Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22	Introduction to 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 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(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 1	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 6	The U.S. and World Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22	Introduction to Political Theory	(3)

ONE COURSE FROM THE FOLLOWING:**Note: Courses listed twice may be used only once for major preparation**

POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLS 2	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 6	The U.S. and World Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22	Introduction to Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12B	Climate Chg & Politics	(4)			

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

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

OR

STAT 50	Elementary Statistics	(4)
OR		
STAT 18	Statistics for Behavioral and Social Sciences	(4)

OR**OR**

====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)	PSYC 1	Introductory Psychology	(3)
			OR		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)

STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			OR		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 11	General Biology	(4)
			OR		
			BIOL 11H	Honors General Biology	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTH 1	Physical Anthropology	(3)
			<u>OR</u>		
			ANTH 1H	Honors Physical Anthropology	(3)
			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	PYSO 1	Human Physiology	(4)
END OF MAJOR					

====Psychology B.S. (Biological)=====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

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

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

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for

admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
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MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)

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

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 10	Descriptive Introduction to Physics	(3)
OR			OR		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
PHYSICS 7A	General Physics	(4)	PHYS 2A & PHYS 2B	General Physics	(4)
PHYSICS 7B	General Physics	(4)	OR		
			PHYS 31A	General Physics	(5)
			PHYS 2A & PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A & PHYS 31B	General Physics	(5)

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 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A & BIOL 10B	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	OR		
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

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

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A & CHEM 8B	Organic Chemistry	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A & CHEM 8B	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 5	Research Methods in Psychology	(4)
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
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MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
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ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)
Formerly ENG CS 30			<u>OR</u>		
			CS 3C	Fundamentals of Computer Science II (Python)	(4)
	<u>OR</u>			<u>OR</u>	
ENG CS 32A	Intro to Programming(4)		CIS 36	Introduction to Visual BASIC	(3)
Formerly ENG CS 10			<u>OR</u>		
			CS 2	Fundamentals of Computer Science I	(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.

CHEM 10	Concept of Chem	(4)	ENVS 3	Chemistry and the Environment	(4)
	<u>OR</u>			<u>OR</u>	
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and	(5)

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

PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10	Descriptive Introduction to Physics	(3)
	OR			OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
PHYSICS 7B	General Physics	(4)	PHYS 31A	General Physics	(5)
			PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			OR		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)

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 10A	Cellular Biology, Genetics & Evolution	(5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOL 11	General Biology	(4)
			OR		
			BIOL 11H	Honors General Biology	(4)

AND ONE COURSE FROM

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

END OF MAJOR

===Religious Studies A.B.===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	RELG 2	Comparative Religions: Far East	(3)
			OR		
			RELG 3	Comparative Religions: Near East	(3)
REL STD 1A	Pilgrimage	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1B	Death and Afterlife	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1C	Sacrifice	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE		

REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

FOUR COURSES FROM THE FOLLOWING:

REL STD 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)	RUSS 1	Elementary Russian	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 1 &	Elementary Russian	(5)
			RUSS 2	Elementary Russian	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 2	Elementary Russian	(5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 3	Intermediate Russian	(5)
RUSSIAN 5	Intermed Russian	(4)	RUSS 3 &	Intermediate Russian	(5)
			RUSS 4	Intermediate Russian	(5)
RUSSIAN 6	Intermed Russian	(4)	RUSS 4	Intermediate Russian	(5)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 2	Feeding the Planet	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 3	Sci,Tech&Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 1	Introductory Sociology	(3)

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

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 14	Introduction to Ethnic Studies (3)
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology (3)
			<u>OR</u>	
			ANTH 2H	Honors Cultural Anthropology (3)
	<u>OR</u>		<u>OR</u>	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 1A	History of European Civilization to 1715 (3)
HISTORY 4B	Western Civ	(4)	HIST 1A &	History of European Civilization to 1715 (3)
			HIST 1B	History of European Civilization from 1715 (3)
HISTORY 4C	Western Civ	(4)	HIST 1B	History of European Civilization from 1715 (3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
c) HISTORY 9A	East Asian Civ	(4)	HIST 19	History of China, Japan and Korea (3)
c) HISTORY 9B	East Asian Civ	(4)	HIST 19	History of China, Japan and Korea (3)
HISTORY 10C	World History III	(4)	HIST 2B	History of World Civilizations from 1500 (3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 7A	United States History to 1876 (3)
HISTORY 17B	U.S. History	(4)	HIST 7B	United States History from 1876 (3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 25	Introduction to Critical Thinking (3)
h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7	Contemporary Moral (3)

PHILOS 24	Intro to Ethics	(4)	PHIL 3	Problems Ethics	(3)
			<u>OR</u>		
			PHIL 7	Contemporary Moral Problems	(3)

END OF MAJOR

- c) If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.
- h) Students who complete PHIL 7 at Pasadena City College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introductory Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON 1A	Principles of Economics	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTH 2	Cultural Anthropology	(3)
				OR		
				ANTH 2H	Honors Cultural Anthropology	(3)
	OR				OR	
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)		HIST 2B	History of World Civilizations from 1500	(3)
	OR				OR	
POL SCI 2	Intro Comp Politics	(4)		POLS 2	Comparative Government and Politics	(3)

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnty	(4)	SOC 14	Introduction to Ethnic Studies	(3)
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			OR		
			ANTH 2H	Honors Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLS 1	Introduction to American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLS 6	The U.S. and World Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22	Introduction to Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 1A	History of European Civilization to 1715	(3)
HISTORY 4B	Western Civ	(4)	HIST 1A &	History of European Civilization to 1715	(3)
			HIST 1B	History of European Civilization from 1715	(3)
HISTORY 4C	Western Civ	(4)	HIST 1B	History of European Civilization from 1715	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE	
c) HISTORY 9A	East Asian Civ	(4)	HIST 19	History of China, Japan (3) and Korea
c) HISTORY 9B	East Asian Civ	(4)	HIST 19	History of China, Japan (3) and Korea
HISTORY 10C	World History III	(4)	HIST 2B	History of World Civilizations from 1500 (3)
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 7A	United States History to 1876 (3)
HISTORY 17B	U.S. History	(4)	HIST 7B	United States History from 1876 (3)

PHILOS 5	Critical Reasoning	(4)	PHIL 25	Introduction to Critical Thinking (3)
	OR			OR
h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7	Contemporary Moral Problems (3)
	OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 3	Ethics (3)
			OR	
			PHIL 7	Contemporary Moral Problems (3)

END OF MAJOR

c) If a student takes HIST 19 at Pasadena City College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.

h) Students who complete PHIL 7 at Pasadena City College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

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

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

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introductory Sociology	(3)
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOC 2	Contemporary Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYC 1	Introductory Psychology	(3)
				OR		
				PSYC 1H	Honors Introductory Psychology	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 15	Intro Afro Amer Hum	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)		HIST 41	History of Asian Pacific Americans	(3)
A A STD 2	Contemp Issues of Asian Americans	(4)		SOC 41	Sociology of the Asian American	(3)
CHICANO 10	Intro to Chic Std	(4)		SOC 31	Chicano Sociology	(3)
CHICANO 50	Chicano Culture	(4)		NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 10	NA Experience	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 14	Introduction to Ethnic Studies	(3)
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30A	Multicultural Societies	(3)		NO COURSE ARTICULATED: College has not		

SOCIOL 30B	Multicultural Societies (3)		submitted course(s) for articulation
			NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOC 1	Introductory Sociology	(3)
	AND				AND	
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		

SOCIOL 4	Immigrtn & Opprtnty	(4)		SOC 14	Introduction to Ethnic Studies	(3)

SOCIOL 5	OR	(4)	OR
	Global Soc Change		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 11	OR	(4)	OR
	Sociology of Labor and Employment		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 1	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 1 &	Elementary Spanish	(5)
			SPAN 2	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 2	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 3	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 4	Intermediate Spanish	(5)
SPANISH 23	Span Comp I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SPANISH 24	Span Comp II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	SPAN 2A	Spanish for Spanish Speakers	(5)
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)	ANTH 5	Introduction to Linguistic Anthropology	(3)
			OR		
			ENGL 10	Introduction to Linguistics	(3)
			Same as:		
			OR		
			LING 10	Introduction to Linguistics	(3)
			Same as:		

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		CIS 36	Introduction to Visual BASIC	(3)
			<u>OR</u>		
			CS 2	Fundamentals of Computer Science I	(4)
	<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 14	C++ Programming	(3)
			<u>OR</u>		

OR ENG CS 36B Object-Oriented Program (4) Formerly ENG CS 40	CS 3C	Fundamentals of Computer (4) Science II (Python)
	OR	
	CIS 16	Java Programming (3)
	OR	
	CS 3A	Fundamentals of Computer (4) Science II (C++)
	OR	
	CS 3B	Fundamentals of Computer (4) Science II (JAVA)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		CIS 36	Introduction to Visual BASIC	(3)
			<u>OR</u>		
			CS 2	Fundamentals of Computer Science I	(4)
	<u>OR</u>		<u>OR</u>		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 14	C++ Programming	(3)
			<u>OR</u>		
			CS 3C	Fundamentals of Computer Science II (Python)	(4)
	<u>OR</u>		<u>OR</u>		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CIS 16	Java Programming	(3)
			<u>OR</u>		
			CS 3A	Fundamentals of Computer Science II (C++)	(4)
			<u>OR</u>		
			CS 3B	Fundamentals of Computer Science II (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.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 50	Elementary Statistics	(4)
			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social	(4)

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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](http://ucdavis.edu/general-catalog) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)		MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)		MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)		MATH 10	Linear Algebra and Applications	(5)

ENG CS 36C	Data Structures	(4)		CS 8	Fundamentals of Computer Science III-Data Structures	(4)
	Formerly ENG CS 60					

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13	Elementary Statistics	(4)	STAT 50 Elementary Statistics (4)
Same as: STATIST 13Y			<u>OR</u>
			STAT 18 Statistics for (4)
			Behavioral and Social Sciences
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
	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 Formerly ENG CS 10	(4)	CIS 36	Introduction to Visual BASIC	(3)
	OR		CS 2	Fundamentals of Computer Science I	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CIS 14	C++ Programming	(3)
	OR		CS 3C	Fundamentals of Computer Science II (Python)	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	CIS 16	Java Programming	(3)
	OR		CS 3A	Fundamentals of Computer Science II (C++)	(4)
	OR		CS 3B	Fundamentals of Computer Science II (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.

AND ONE COURSE FROM

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	STAT 50	Elementary Statistics	(4)
			STAT 18	Statistics for Behavioral and Social Sciences	(4)
STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly

reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH 10	Linear Algebra and Applications	(5)
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10			CIS 36	Introduction to Visual BASIC	(3)
			<u>OR</u>		
			CS 2	Fundamentals of Computer Science I	(4)
<u>OR</u>			<u>OR</u>		
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming	(3)
Formerly ENG CS 30			<u>OR</u>		
			CS 3C	Fundamentals of Computer Science II (Python)	(4)
<u>OR</u>			<u>OR</u>		
ENG CS 36B	Object-Oriented Program	(4)	CIS 16	Java Programming	(3)
Formerly ENG CS 40			<u>OR</u>		
			CS 3A	Fundamentals of Computer Science II (C++)	(4)
			<u>OR</u>		
			CS 3B	Fundamentals of Computer	(4)

			Science II (JAVA)		
STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(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 1	Fundamentals of Speech	(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 COMPARABLE COURSE		
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not		

AN SCI 49H	Animal Prac/Poultry	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
AN SCI 49I	Animal Prac/Sheep	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
AN SCI 49J	Animal Prac/Swine	(2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not

ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARABLE COURSE OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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AN SCI 1	Domest Ani & People OR	(4)	NO COMPARABLE COURSE OR
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
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ECON 1A	Princ of Microecon	(4)	ECON 1B	Principles of Economics	(3)
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CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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h) PHILOS 14	Eth Soc Prob in Soc OR	(4)	PHIL 7	Contemporary Moral Problems	(3)
			OR		
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR		
PHILOS 24	Intro to Ethics	(4)	PHIL 3	Ethics	(3)
			OR		
			PHIL 7	Contemporary Moral Problems	(3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology	(3)
			<u>OR</u>		
			ANTH 2H	Honors Cultural Anthropology	(3)
			<u>OR</u>		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22	Introduction to Political Theory	(3)
			<u>OR</u>		
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introductory Sociology	(3)
			<u>OR</u>		
SOCIOL 3	Social Problems	(4)	SOC 2	Contemporary Social Problems	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHIL 25	Introduction to Critical Thinking	(3)
			<u>OR</u>		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		

h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7	Contemporary Moral Problems	(3)
			<u>OR</u>		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)	PHIL 3	Ethics	(3)
			<u>OR</u>		
			PHIL 7	Contemporary Moral Problems	(3)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
			<u>OR</u>		
STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
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BIOLSCI 10	Everyday Biology	(4)	BIOL 11	General Biology	(4)
			<u>OR</u>		
			BIOL 11H	Honors General Biology	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
			<u>OR</u>		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
Same as: ENV SC&M 30			<u>OR</u>		
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
W&F BIO 51	Intro to Conservation	(3)	NO COURSE ARTICULATED: College has not		

Biology		submitted course(s) for articulation	
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Economics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22 Introduction to Political Theory (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3)
			<u>OR</u>
			ANTH 2H Honors Cultural Anthropology (3)
	<u>OR</u>		<u>OR</u>
SOCIOL 1	Intro Sociology	(5)	SOC 1 Introductory Sociology (3)
	<u>OR</u>		<u>OR</u>
SOCIOL 3	Social Problems	(4)	SOC 2 Contemporary Social Problems (3)
CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 5A Single Variable Calculus I (5)
			<u>OR</u>
			BUS 14B Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B Single Variable Calculus II (5)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
	<u>OR</u>		<u>OR</u>
STATIST 13	Elementary Statistics	(4)	STAT 50 Elementary Statistics (4)
Same as: STATIST 13Y			<u>OR</u>
			STAT 18 Statistics for Behavioral and Social Sciences (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry and Chemical Analysis (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 11 General Biology (4)
			<u>OR</u>
			BIOL 11H Honors General Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A & Cellular Biology, Genetics & Evolution (5)
			BIOL 10B Diversity of Life on Earth: Structure, Function and Ecology (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			
OR			OR
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE

SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE

ECON 1A	Princ of Microecon	(4)	ECON 1B Principles of Economics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Economics (3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 22 Introduction to Political Theory (3)

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3)
OR			OR
			ANTH 2H Honors Cultural Anthropology (3)
OR			OR
SOCIOL 1	Intro Sociology	(5)	SOC 1 Introductory Sociology (3)
OR			OR
SOCIOL 3	Social Problems	(4)	SOC 2 Contemporary Social Problems (3)

CM&RGDE 1	The Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

h) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 7 Contemporary Moral Problems (3)
OR			OR
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
OR			OR
PHILOS 24	Intro to Ethics	(4)	PHIL 3 Ethics (3)
OR			OR
			PHIL 7 Contemporary Moral Problems (3)

END OF MAJOR

h) Students who complete PHIL 7 at Pasadena City College will receive credit at UC Davis for PHILOS 14 or 24, 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 1	Fundamentals of Speech	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 1B	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1BH	Honors Reading and Composition	(4)
	<u>OR</u>			<u>OR</u>	
UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			<u>OR</u>		
			ENGL 1AH	Honors Reading and Composition	(4)
	<u>OR</u>			<u>OR</u>	
UWRITING 48	Style in the Essay	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 18				
	<u>OR</u>			<u>OR</u>	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Landscape Rep I	(4)	ARCH 12A &
	Formerly Design Visualization		I
			ARCH 12B
			Visual Communications II (Digital Media)
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

- i) The Department of Design at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of DESIGN 21. The Department of Landscape Architecture at UC Davis will accept Pasadena City College's ARCH 12A and 12B in lieu of LND ARC 21.

====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 COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE
	OR		OR
ENG CS 36A	Programming	(4)	CIS 14 C++ Programming (3)
Formerly ENG CS 30			<u>OR</u>
			CS 3C Fundamentals of Computer Science II (Python) (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 1B Principles of Economics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A Principles of Economics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2 Cultural Anthropology (3)
	OR		<u>OR</u>
			ANTH 2H Honors Cultural Anthropology (3)
	OR		OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A History of Western Art (3)
			<u>OR</u>
			ART 4A History of Ancient Art in the West (3)
	OR		OR
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 4B History of European Medieval Art (3)
			<u>OR</u>
			ART 4C History of European Renaissance and Baroque Art (3)
	OR		OR
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B History of Western Art (3)
			<u>OR</u>
			ART 4D History of Modern Art (3)
	OR		OR
ARTHI 1D	Arts of Asia	(4)	ART 3A History of Asian Art (3)
			<u>OR</u>
			ART 3B 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 10	Descriptive Introduction to Physics (3)

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology (3)
			OR	
			PSYC 1H	Honors Introductory Psychology (3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	

STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics (4)
Same as: STATIST 13Y			OR	
			STAT 18	Statistics for Behavioral and Social Sciences (4)

TEX&CL 6	Intro Textiles	(4)	FASH 9	Beginning Textiles (3)
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	

MGMT 11A	Elem Accounting	(4)	ACCT 1A &	Financial Accounting (5)
			ACCT 1B	Managerial Accounting (4)
MGMT 11B	Elem Accounting	(4)	ACCT 1B	Managerial Accounting (4)

CHEM 10	Concept of Chem	(4)	ENVS 3	Chemistry and the Environment (4)
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis (5)

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I (5)
			OR	
			BUS 14B	Mathematical Analysis for Business - Calculus (4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II (5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable Calculus II (5)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

===Textiles and Clothing B.S. (Textile Science)===

IMPORTANT ADVISORY FOR FALL 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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE	
OR			OR	
ENG CS 36A	Programming	(4)	CIS 14	C++ Programming (3)
Formerly ENG CS 30			OR	
			CS 3C	Fundamentals of Computer Science II (Python) (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 1B	Principles of Economics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 1A	Principles of Economics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 2	Cultural Anthropology (3)
OR			OR	
			ANTH 2H	Honors Cultural Anthropology (3)
OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1A	History of Western Art (3)
OR			OR	
			ART 4A	History of Ancient Art in the West (3)
OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 4B	History of European Medieval Art (3)
OR			OR	
			ART 4C	History of European Renaissance and Baroque Art (3)
OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 1B	History of Western Art (3)

ARTHI 1D	Arts of Asia	(4)	<u>OR</u> ART 4D	History of Modern Art	(3)
			<u>OR</u> ART 3A	History of Asian Art	(3)
			<u>OR</u> ART 3B	History of Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	<u>OR</u>		
			PHYS 10	Descriptive Introduction to Physics	(3)

PSYCH 1	General Psychology	(4)	PSYC 1	Introductory Psychology	(3)
			<u>OR</u>		
			PSYC 1H	Honors Introductory Psychology	(3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
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STATIST 13	Elementary Statistics	(4)	STAT 50	Elementary Statistics	(4)
Same as: STATIST 13Y			<u>OR</u>		
			STAT 18	Statistics for Behavioral and Social Sciences	(4)

TEX&CL 6	Intro Textiles	(4)	FASH 9	Beginning Textiles	(3)
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		

CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 8A &	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 8B	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	ACCT 1A &	Financial Accounting	(5)
MGMT 11B	Elem Accounting	(4)	ACCT 1B	Managerial Accounting	(4)
			ACCT 1B	Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 5B	Single Variable	(5)

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies 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:

m) DRAMART 21A	Fundamentals of Act	(4)	THRT 2A	Acting I	(3)
DRAMART 40A	Beg Modern Dance	(2)	DANC 9A	Modern Dance I	(1)
DRAMART 40B	Int Modern Dance	(2)	DANC 9B	Modern Dance II	(1)
DRAMART 42A	Beg Ballet	(2)	DANC 11A	Ballet I	(1)
DRAMART 42B	Inter Ballet	(2)	DANC 11B	Ballet II	(1)

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

m) **Students at Pasadena City College who take THEATRE ARTS 2A will receive credit for UC Davis's DRAMART 10 OR DRAMART 21A, not both.**

====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 10A	Cellular Biology, Genetics & Evolution	(5)
	OR			OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)
			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)
<hr/>					
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			OR		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable Calculus II	(5)
<hr/>					
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	AND			AND	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)

| **OR**
| PHYS 31A General Physics (5)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2 Intro to Viticult (2) | NO COMPARABLE COURSE
VIT-ENO 3 Intro Winemaking (3) | NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 1A	Reading and Composition	(4)
			OR		
			ENGL 1AH	Honors Reading and Composition	(4)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
	OR			OR	
m) DRAMART 10	Intro To Acting	(4)	THRT 2A	Acting I	(3)
Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.					
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A &	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A &	General Chemistry and Chemical Analysis	(5)

			CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 8B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 5A	Single Variable Calculus I	(5)
			<u>OR</u>		
			BUS 14B	Mathematical Analysis for Business - Calculus	(4)
MATH 16B	Short Calculus	(3)	MATH 5B	Single Variable 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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 8A &	Organic Chemistry	(5)
			CHEM 8B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 8B	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31A &	General Physics	(5)
			PHYS 31B	General Physics	(5)
PHYSICS 7C	General Physics	(4)	PHYS 2A &	General Physics	(4)
			PHYS 2B	General Physics	(4)
			<u>OR</u>		
			PHYS 31B	General Physics	(5)

END OF MAJOR

m) Students at Pasadena City College who take THEATRE ARTS 2A will receive credit for UC Davis's DRAMART 10 OR DRAMART 21A, not both.

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements

(engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)		MATH 5A	Single Variable Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 5B	Single Variable Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 5C	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)		MATH 5C	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)		MATH 10	Linear Algebra and Applications	(5)
MATH 22B	Differntl Equations	(3)		MATH 55	Differential Equations	(5)
				OR		
				MATH 55H	Honors Differential Equations	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM 1A	General Chemistry and Chemical Analysis	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 1A &	General Chemistry and Chemical Analysis	(5)
				CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 1B	General Chemistry and Chemical Analysis	(5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM 8A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 8B	Organic Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 8A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 8A &	Organic Chemistry	(5)
				CHEM 8B	Organic Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)		CHEM 8A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 8A &	Organic Chemistry	(5)
				CHEM 8B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 8A	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)		PHYS 1A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 1B &	General Physics	(5)
				PHYS 1C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS 1B &	General Physics	(5)
				PHYS 1C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)		PHYS 1D	General Physics	(5)
BIMEDEN 20	Fundamentals of Bioengineering	(4)		NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)		ENGR 2	Engineering Graphics	(3)

ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
ENGIN 17	Circuits I	(4)		ENGR 16	Engineering Circuits (3)
ENGIN 35	Statics	(4)		ENGR 15A	Applied Mechanics - Statics (3)
				<u>OR</u>	
				ENGR 11	Statics (3)
ENGIN 45	Prop of Mats	(4)		ENGR 14	Materials of Construction (3)
ENG CS 20	C Sci/Discrete Math	(4)		CS 45	Discrete Structures with Computer Science Applications (5)
				<u>OR</u>	
				MATH 22	Discrete Mathematics (4)
ENG CS 36A	Programming	(4)		CIS 14	C++ Programming (3)
Formerly ENG CS 30				<u>OR</u>	
				CS 3C	Fundamentals of Computer Science II (Python) (4)
ENG CS 36B	Object-Oriented Program	(4)		CIS 16	Java Programming (3)
Formerly ENG CS 40				<u>OR</u>	
				CS 3A	Fundamentals of Computer Science II (C++) (4)
				<u>OR</u>	
				CS 3B	Fundamentals of Computer Science II (JAVA) (4)
ENG CS 50	Machine Dependent Prog	(4)		CIS 66	Assembly Language Programming (4)
					for the Sciences and Mathematics
ENG CS 36C	Data Structures	(4)		CS 8	Fundamentals of Computer Science III-Data Structures (4)
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 1A	Reading and Composition (4)
				<u>OR</u>	
				ENGL 1AH	Honors Reading and Composition (4)
ENGLISH 3	Intro to Lit	(4)		ENGL 1B	Reading and Composition (4)
				<u>OR</u>	

			ENGL 1BH	Honors Reading and Composition	(4)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 1	Fundamentals of Speech	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 10	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 10A	Cellular Biology, Genetics & Evolution	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 10A <u>&</u>	Cellular Biology, Genetics & Evolution	(5)
			BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 10B	Diversity of Life on Earth: Structure, Function and Ecology	(5)
1) GEOLOGY 50	Physical Geology	(3)	GEOL 1	Physical Geology	(4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- 1) If a student takes GEOL 1 at Pasadena City College, credit will be given for UC Davis's GEOLOGY 1 or 50+50L, not both.