

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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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

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**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.**

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END OF MAJOR

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

**Special Advising Note:**

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

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

**College Foreign Language Requirement Note:**

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

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**ONE COURSE FROM THE FOLLOWING:**

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

**ONE COURSE FROM THE FOLLOWING:**

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

**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 120	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOCO 101	Principles of Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLI 102	The American Political System	(3)
POL SCI 2	Intro Comp Politics	(4)		POLI 103	Comparative Politics	(3)
PSYCH 1	General Psychology	(4)		PSYC 101	General Psychology	(3)

**ONE COURSE FROM THE FOLLOWING:**

CHICANO 10	Intro to Chic Std	(4)		CHIC 110A	Introduction to Chicano Studies	(3)
				<u>OR</u>		
				CHIC 110B	Introduction to	(3)

Chicano Studies

N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**TWO COURSES FROM THE FOLLOWING:**

HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 109 History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HIST 110 History of the United States II (3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
DRAMART 41A	Beg Jazz Dance	(2)	NO COMPARABLE COURSE
DRAMART 41B	Inter Jazz Dance	(2)	NO COMPARABLE COURSE
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 28	Introduction to African American Music	(4)	BLAS 120 Black Music (3)

**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 109	History of the United States I	(3)
	<b>OR</b>				<b>OR</b>	
POL SCI 1	Amer Natl Govt	(4)		POLI 102	The American Political System	(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
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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
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AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE
	<b>AND</b>		<b>AND</b>
ECON 1A	Princ of Microecon	(4)	ECON 121 Principles of Microeconomics (3)
	<b>OR</b>		<b>OR</b>
ECON 1B	Princ of Macroecon	(4)	ECON 120 Principles of Macroeconomics (3)
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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE
PL SCI 5	Plants Gard, Orch & Land	(2)	NO COMPARABLE COURSE
FORMERLY PLANT BIO 1			
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ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>			
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			
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PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE
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<b>ALL OF THE FOLLOWING COURSES:</b>			
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A Introduction to the Biological Sciences I (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & Introduction to the Biological Sciences I (4)
			BIOL 210B Introduction to the Biological Sciences II (4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture
			CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture
			CHEM 200L & General Chemistry I - (2) Laboratory
			CHEM 201 & General Chemistry II (3) - Lecture
			CHEM 201L General Chemistry II (2) - Laboratory
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i) GEOLOGY 1	The Earth	(4)	GEOL 100 Physical Geology (3)
GEOLOGY 20	California Geology	(2)	NO COURSE ARTICULATED: College has not

SOILSCI 10	Soils in Our Environment	(3)	submitted course(s) for articulation NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of Applied Calculus I (3)
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of Calculus II (3)
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			
MATH 21A	Calculus	(4)	MATH 150 Calculus with Analytic Geometry I (5)
MATH 21B	Calculus	(4)	MATH 151 Calculus with Analytic Geometry II (4)
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (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**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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

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**ONE COURSE FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A Introduction to Chicano Studies (3)
			<b>OR</b>
			CHIC 110B Introduction to Chicano Studies (3)



N A STD 1 Intro NA Studies (4) | NO COMPARABLE COURSE

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology	(3)
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 17A	U.S. History	(4)	HIST 109	History of the United States I	(3)
HISTORY 17B	U.S. History	(4)	HIST 110	History of the United States II	(3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 215	English Literature I: 800-1799	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 210	American Literature I	(3)
			<b>OR</b>		
			ENGL 216	English Literature II: 1800 - Present	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 211	American Literature II	(3)
FILM ST 1	Intro to Film Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Formerly Humanities 10

**END OF MAJOR**

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	<b>&amp;</b> General Chemistry I - Laboratory	(2)
			CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
			CHEM 231L	<b>&amp;</b> Organic Chemistry I Laboratory	(2)
			CHEM 233	<b>&amp;</b> Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 125 & PHYS 126	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & PHYS 126	General Physics II	(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)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science Statistics	(3)

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

END OF MAJOR

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

**Special Advising Note:**

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

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

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

AP and IB examination credit policies 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.

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

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

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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 210A Introduction to the Biological Sciences I	(4)

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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	&	Introduction to the Biological Sciences I	(4)
			BIOL 210B		Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B		Introduction to the Biological Sciences II	(4)
-----						
CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L		General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L	&	General Chemistry I - Laboratory	(2)
			CHEM 201	&	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	&	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	&	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
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PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE			
	<b>OR</b>		<b>OR</b>			
B) ENG CS 15	Intro to Computers	(4)	CISC 181		Principles of Information Systems	(4)
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ECON 1A	Princ of Microecon	(4)	ECON 121		Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120		Principles of Macroeconomics	(3)
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MGMT 11A	Elem Accounting	(4)	ACCT 116A		Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 116B		Managerial Accounting	(4)
-----						
MATH 16A	Short Calculus	(3)	MATH 121		Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122		Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122		Basic Techniques of Calculus II	(3)
	<b>OR</b>		<b>OR</b>			
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			



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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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE	
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I (4) Introduction to the Biological Sciences II (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - (3) Lecture General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - (3) Lecture General Chemistry I - (2) Laboratory
			CHEM 201 & CHEM 201L	General Chemistry II (3) - Lecture General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry (3) Introduction to Organic and Biological Chemistry Laboratory (1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry (3) Introduction to Organic and Biological Chemistry Laboratory (1)
	<b>OR</b>			<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 & CHEM 231L	Organic Chemistry I - (3) Lecture Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & CHEM 231L	Organic Chemistry I - (3) Lecture Organic Chemistry I (2) Laboratory
			CHEM 233 & CHEM 233L	Organic Chemistry II (3) - Lecture Organic Chemistry II (2) Laboratory

MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)

**AREAS OF SPECIALIZATION:**

**AQUATIC ANIMALS**

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

**AVIAN SCIENCES**

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

**COMPANION AND CAPTIVE ANIMALS**

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

**EQUINE SCIENCE**

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

**LABORATORY ANIMALS**

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

**POULTRY**

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

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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**College Foreign Language Requirement Note:**

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

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**EVOLUTIONARY EMPHASIS:**

ANTHRO 1	Human Evol Biol	(4)	ANTH 102	Introduction to Physical Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
e) ANTHRO 3	Intr to Archaeology	(4)	ANTH 107	Introduction to Archaeology	(3)

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		
e) ANTHRO 23	Intr World Prehist	(4)	ANTH 107	Introduction to Archaeology	(3)
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ANTHRO 54	Intro to Primatology	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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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)		BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 119	Elementary Statistics	(3)
				<u>OR</u>		
				PSYC 258	Behavioral Science Statistics	(3)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
				<b><u>SOCIOCULTURAL EMPHASIS:</u></b>		
ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to Cultural Anthropology	(3)

**TWO COURSES FROM THE FOLLOWING:**

ANTHRO 1	Human Evol Biol	(4)		ANTH 102	Introduction to Physical Anthropology	(3)
e) ANTHRO 3	Intr to Archaeology	(4)		ANTH 107	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**

e) Students who take ANTH 107 at San Diego City, Mesa, or Miramar Colleges may receive credit at UC Davis for ANTHRO 3 or ANTHRO 23, not both.

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

**Special Advising Note:**

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

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

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ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
e) ANTHRO 3	Intr to Archaeology	(4)	ANTH 107	Introduction to Archaeology	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture General Chemistry I - Laboratory	(3) (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L & CHEM 201 & CHEM 201L	General Chemistry I - Lecture General Chemistry I - Laboratory General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2) (3) (2)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(3) (1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and	(3)

				CHEM 130L	Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(1)
					<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
				CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
				CHEM 231L	<b>&amp;</b> Organic Chemistry I Laboratory	(2)
				CHEM 233	<b>&amp;</b> Organic Chemistry II - Lecture	(3)
				CHEM 233L	Organic Chemistry II Laboratory	(2)

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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
					<b>OR</b>	
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	
					<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic Geometry III	(4)

**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 13	Sci Method in Physical Anthropology	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y			<b>OR</b>		
				MATH 119	Elementary Statistics	(3)
				<b>OR</b>		
				PSYC 258	Behavioral Science Statistics	(3)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

**END OF MAJOR**

e) Students who take ANTH 107 at San Diego City, Mesa, or Miramar Colleges may receive credit at UC Davis for ANTHRO 3 or ANTHRO 23, not both.

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

**Special Advising Note:**

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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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**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.

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MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)
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 254	Introduction to Linear (3) Algebra
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	<b>AND</b>			<b>AND</b>	
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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NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

ENG CS 32A	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Formerly ENG CS 10			
ENGIN 6	Engr Prob Solving	(4)		NO COURSE ARTICULATED

**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 210A Introduction to the Biological Sciences I (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A & Introduction to the Biological Sciences I (4)
				BIOL 210B Introduction to the Biological Sciences II (4)
	<b>OR</b>			<b>OR</b>
CHEM 2A	Genl Chemistry	(5)		CHEM 200 & General Chemistry I - Lecture (3)
				CHEM 200L General Chemistry I - Laboratory (2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 & General Chemistry I - Lecture (3)
				CHEM 200L & General Chemistry I - Laboratory (2)
				CHEM 201 & General Chemistry II - Lecture (3)
				CHEM 201L General Chemistry II - Laboratory (2)
	<b>OR</b>			<b>OR</b>
ECON 1A	Princ of Microecon	(4)		ECON 121 Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 120 Principles of Macroeconomics (3)
	<b>OR</b>			<b>OR</b>
PHYSICS 9A	Classical Physics	(5)		PHYS 195 Mechanics (5)
PHYSICS 9B	Classical Physics	(5)		PHYS 196 & Electricity and Magnetism (5)
				PHYS 197 Waves, Optics and Modern Physics (5)
	<b>OR</b>			<b>OR</b>
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis

**OR**

**OTHER APPROVED APPLIED PREPARATORY COURSES**

**END OF MAJOR**



====Applied Physics B.S.====

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

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

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 197	Waves, Optics and Modern Physics	(5)
	<b>OR</b>			<b>OR</b>	
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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)

**ATMOSPHERIC PHYSICS CONCENTRATION**

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)

				CHEM 201L	General Chemistry II	(2)
					- Laboratory	
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

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**COMPUTATIONAL PHYSICS CONCENTRATION**

ENG CS 36A	Programming	(4)		CISC 190	JAVA Programming	(4)
	Formerly ENG CS 30			<b>OR</b>		
ENG CS 36B	Object-Oriented Program	(4)		CISC 192	C/C++ Programming	(4)
	Formerly ENG CS 40			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.**

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**GEOPHYSICS CONCENTRATION**

PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		
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**MATERIALS SCIENCE CONCENTRATION**

PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		
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**PHYSICAL ELECTRONICS CONCENTRATION**

ENGIN 17	Circuits I	(4)		ENGE 260	Electric Circuits	(3)
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		
PHYSICS 80	Experimental Techniques	(4)		NO COURSE ARTICULATED		

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**PHYSICAL OCEANOGRAPHY CONCENTRATION**

PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		
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**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://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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

**FOUR COURSES FROM THE FOLLOWING:**

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110	Art History: Prehistoric to Gothic	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 &	Art History: Prehistoric to Gothic	(3)
			ARTF 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	ARTF 125	Art History: Arts of the Asian Continent	(3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

**ONE ART STUDIO COURSE FROM:**

ART 2	Beginning Drawing	(4)	ARTF 155A	Freehand Drawing I	(3)
			<u>OR</u>		
			ARTF 155B	Freehand Drawing II	(3)
ART 5	Beginning Sculpture	(4)	ARTF 175A	Sculpture I	(3)
			<u>OR</u>		
			ARTF 175B	Sculpture II	(3)
			<u>OR</u>		
			ARTF 175C	Sculpture III	(3)
ART 7	Beginning Painting	(4)	ARTF 165A	Composition in Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	ARTF 198A	Introduction to Printmaking I	(3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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**FOUR COURSES FROM THE FOLLOWING:**

ART 2	Beginning Drawing	(4)	ARTF 155A	Freehand Drawing I	(3)
			<u>OR</u>		
			ARTF 155B	Freehand Drawing II	(3)
ART 5	Beginning Sculpture	(4)	ARTF 175A	Sculpture I	(3)
			<u>OR</u>		
			ARTF 175B	Sculpture II	(3)
			<u>OR</u>		
			ARTF 175C	Sculpture III	(3)
ART 7	Beginning Painting	(4)	ARTF 165A	Composition in Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not		

ART 11	Beginning Printmaking	(4)	submitted course(s) for articulation ARTF 198A Introduction to Printmaking I	(3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
<b>TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:</b>				
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110 Art History: Prehistoric to Gothic	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 & Art History: Prehistoric to Gothic	(3)
			ARTF 111 Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111 Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	ARTF 125 Art History: Arts of the Asian Continent	(3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE	

**END OF MAJOR**

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

**Special Advising Note:**

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

**College Foreign Language Requirement Note:**

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

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

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A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 3	Social & Psychological Perspectives of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**AT LEAST TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Same as: FD S&T 55 Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A Introduction to Chicano Studies (3)
			<b>OR</b>
			CHIC 110B Introduction to Chicano Studies (3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	CHIC 135 Chicana/o Literature (3)

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	CHIC 190 Chicano Images in Film	(3)
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 70	Survey Chic Art	(4)	CHIC 230 Chicano Art	(3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE	
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE	
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE	
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE	
WOM STD 20	Cult Repr of Gndr	(4)	NO 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	
<b>AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:</b>				
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE	
ART 10	Fine Art Appreciation	(4)	ARTF 100 Art Orientation	(3)
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE	
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 42	Approaches to Reading	(4)	NO COMPARABLE COURSE	
PHILOS 5	Critical Reasoning	(4)	PHIL 100 Logic and Critical Thinking	(3)
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE	
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 255 Introduction to Psychological Research	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	BIOL 200 Biological Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 119 Elementary Statistics	(3)
			<u>OR</u>	
			PSYC 258 Behavioral Science Statistics	(3)

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 200	& General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200	& General Chemistry I - (3) Lecture
			CHEM 200L	& General Chemistry I - (2) Laboratory
			CHEM 201	& General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming (4)
Formerly ENG CS 30			<u>OR</u>	
			CISC 192	C/C++ Programming (4)

**or a course selected with advisor's approval**

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196	& Electricity and (5) Magnetism
			PHYS 197	Waves, Optics and (5) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and (5) Magnetism
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics (3)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 119	Elementary Statistics (3)
			<u>OR</u>	
			PSYC 258	Behavioral Science (3) Statistics

**PREPARATION FOR GRADUATION:**

ENGIN 6      Engr Prob Solving                      (4)|NO COURSE ARTICULATED

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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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**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.**

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A <b>&amp;</b>	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	II Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b>	General Chemistry I -	(3)
					Lecture	
			CHEM 200L		General Chemistry I -	(2)
					Laboratory	

CHEM 2B	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b>	General Chemistry I -	(3)
					Lecture	
			CHEM 200L	<b>&amp;</b>	General Chemistry I -	(2)
					Laboratory	
			CHEM 201	<b>&amp;</b>	General Chemistry II	(3)
					- Lecture	
			CHEM 201L		General Chemistry II	(2)
					- Laboratory	

CHEM 2C	Genl Chemistry	(5)	CHEM 201	<b>&amp;</b>	General Chemistry II	(3)
					- Lecture	
			CHEM 201L		General Chemistry II	(2)
					- Laboratory	

**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	

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

**OR**

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
					General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
					General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
					General Physics II	(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**

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)	
PHYSICS 9B	Classical Physics	(5)	PHYS 196	<b>&amp;</b>	Electricity and Magnetism	(5)
					Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)	

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b>	Organic Chemistry I -	(3)
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					Lecture	
				CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	& Organic Chemistry I -	(3)
					Lecture	
				CHEM 231L	& Organic Chemistry I	(2)
					Laboratory	
				CHEM 233	& Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 233	& Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	
	<b>OR</b>				<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)		CHEM 231	Organic Chemistry I -	(3)
					Lecture	
CHEM 128B	Organic Chemistry	(3)		CHEM 231	& Organic Chemistry I -	(3)
					Lecture	
				CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 128C	Organic Chemistry	(3)		CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
CHEM 129B	Organic Chem Lab	(2)		CHEM 231L	& Organic Chemistry I	(2)
					Laboratory	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	

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**RECOMMENDED:**

MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic	(4)
					Geometry III	

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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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.



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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
<hr/>					
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L &	Organic Chemistry I Laboratory	(2)

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			CHEM 233	&	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	&	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory

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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		
	<b>OR</b>				<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic (4) Geometry II

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (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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**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory

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MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>				<b>OR</b>
MATH 21C	Calculus	(4)	MATH 252		Calculus with Analytic (4) Geometry III

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233 &	Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 &	Organic Chemistry II (3) - Lecture
			CHEM 233L	Organic Chemistry II (2) Laboratory

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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	

	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II

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PHYSICS 7A	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (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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**RECOMMENDED COURSES FOR THIS MAJOR:**

MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
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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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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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.

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**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L &	General Chemistry I - Laboratory	(2)
				CHEM 201 &	General Chemistry II	(3)

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					- Lecture	
				CHEM 201L	General Chemistry II	(2)
					- Laboratory	
CHEM 2C	Genl Chemistry	(5)		CHEM 201	<b>&amp;</b> General Chemistry II	(3)
					- Lecture	
				CHEM 201L	General Chemistry II	(2)
					- Laboratory	
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CHEM 8A	Organic Chem-Brief	(2)		CHEM 130	<b>&amp;</b> Introduction to	(3)
					Organic and	
					Biological Chemistry	
				CHEM 130L	Introduction to	(1)
					Organic and	
					Biological Chemistry	
					Laboratory	
CHEM 8B	Organic Chem-Brief	(4)		CHEM 130	<b>&amp;</b> Introduction to	(3)
					Organic and	
					Biological Chemistry	
				CHEM 130L	Introduction to	(1)
					Organic and	
					Biological Chemistry	
					Laboratory	
					<b>OR</b>	
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I -	(3)
					Lecture	
				CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I -	(3)
					Lecture	
				CHEM 231L	<b>&amp;</b> Organic Chemistry I	(2)
					Laboratory	
				CHEM 233	<b>&amp;</b> Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 233	<b>&amp;</b> Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	
					<b>OR</b>	
CHEM 128A	<b>OR</b> Organic Chemistry	(3)		CHEM 231	Organic Chemistry I -	(3)
					Lecture	
CHEM 128B	Organic Chemistry	(3)		CHEM 231	<b>&amp;</b> Organic Chemistry I -	(3)
					Lecture	
				CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 128C	Organic Chemistry	(3)		CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of	(3)
					Applied Calculus I	
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of	(3)
					Calculus II	
					<b>OR</b>	
MATH 17A	<b>OR</b> 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	
					<b>OR</b>	
MATH 21A	<b>OR</b> Calculus	(4)		MATH 150	Calculus with Analytic	(5)
					Geometry I	

MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic Geometry II	(4)
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PHYSICS 7A	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(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.

**COURSEWORK FOR BIOINFORMATICS OPTION:**

ENG CS 20	C Sci/Discrete Math	(4)		MATH 245	Discrete Mathematics	(3)
ENG CS 36A	Programming	(4)		CISC 190	JAVA Programming	(4)
Formerly ENG CS 30				<u>OR</u>		
				CISC 192	C/C++ Programming	(4)

**RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:**

ENG CS 36B	Object-Oriented Program	(4)		NO COMPARABLE COURSE	
Formerly ENG CS 40					
ENG CS 36C	Data Structures	(4)		NO COMPARABLE COURSE	
Formerly ENG CS 60					
ENG CS 50	Machine Dependent Prog	(4)		NO COMPARABLE COURSE	

**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I	(2)

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CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	Laboratory General Chemistry I - (3)	
			CHEM 200L	&	Lecture General Chemistry I - (2)	
			CHEM 201	&	Laboratory General Chemistry II (3)	
			CHEM 201L		- Lecture General Chemistry II (2)	
CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	- Laboratory General Chemistry II (3)	
			CHEM 201L		- Lecture General Chemistry II (2)	
-----						
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	&	Introduction to (3)	
			CHEM 130L		Organic and Biological Chemistry Introduction to (1)	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	&	Organic and Biological Chemistry Laboratory (3)	
			CHEM 130L		Introduction to (1)	
-----						
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	CHEM 231	&	Introduction to (3)	
			CHEM 231L		Organic and Biological Chemistry Laboratory (2)	
CHEM 118B	OR Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I - (3)	
			CHEM 231L	&	Lecture Organic Chemistry I (2)	
			CHEM 233	&	Laboratory Organic Chemistry I - (3)	
			CHEM 233L	&	Lecture Organic Chemistry I (2)	
CHEM 118C	OR Org Chem, Hlth & Sci	(4)	CHEM 233	&	Laboratory Organic Chemistry II (3)	
			CHEM 233L		- Lecture Organic Chemistry II (2)	
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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			
-----						
MATH 21A	OR Calculus	(4)	MATH 150		OR Calculus with Analytic (5)	
					Geometry I	
MATH 21B	OR Calculus	(4)	MATH 151		Calculus with Analytic (4)	
					Geometry II	
-----						
PHYSICS 7A	General Physics	(4)	PHYS 125	&	General Physics (5)	
			PHYS 126	&	General Physics II (5)	
PHYSICS 7B	General Physics	(4)	PHYS 125	&	General Physics (5)	
			PHYS 126	&	General Physics II (5)	
PHYSICS 7C	General Physics	(4)	PHYS 125	&	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 252	Calculus with Analytic (4)
				Geometry III

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

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

**IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:**

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

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

**Special Advising Note:**

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

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

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

In addition to completing preparatory courses for the major, students must also

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

**General Education (GE) Note:**

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

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

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

**REQUIRED FOR ADMISSION:**

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)



					Laboratory	
				CHEM 201	& General Chemistry II	(3)
					- Lecture	
				CHEM 201L	General Chemistry II	(2)
					- Laboratory	
CHEM 2C	Genl Chemistry	(5)		CHEM 201	& General Chemistry II	(3)
					- Lecture	
				CHEM 201L	General Chemistry II	(2)
					- Laboratory	
CHEM 128A	Organic Chemistry	(3)		CHEM 231	Organic Chemistry I -	(3)
					Lecture	
CHEM 128B	Organic Chemistry	(3)		CHEM 231	& Organic Chemistry I -	(3)
					Lecture	
				CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L	Organic Chemistry I	(2)
					Laboratory	

ENGIN 6	Engr Prob Solving	(4)		NO COURSE	ARTICULATED	
	OR				OR	
ENG CS 32A	Intro to Programming(4)			NO COURSE	ARTICULATED: College has not	
	Formerly ENG CS 10				submitted course(s)for articulation	
	OR				OR	
ENG CS 36A	Programming	(4)		CISC 190	JAVA Programming	(4)
	Formerly ENG CS 30				OR	
	OR			CISC 192	C/C++ Programming	(4)
	OR				OR	
ENG CHM 60	Engineering Problem Solv	(4)		NO COURSE	ARTICULATED	

**Required for admission. Students must complete one programming course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.**

ENGIN 17	Circuits I	(4)		ENGE 260	Electric Circuits	(3)
	OR				OR	
ENGIN 35	Statics	(4)		ENGE 200	Statics	(3)
	OR				OR	
ENGIN 45	Prop of Mats	(4)		ENGE 210	Properties of	(3)
					Materials	
UWRITING 1	Expository Writing	(4)		ENGL 101	Reading and	(3)
	OR				Composition	
ENGLISH 3	Intro to Lit	(4)		ENGL 105	Composition and	(3)
					Literature	

**For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English composition for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the	(4)
					Biological Sciences I	

**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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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CHEM 2A	Genl Chemistry	(5)		CHEM 200	&	General Chemistry I - (3)
						Lecture
				CHEM 200L		General Chemistry I - (2)
						Laboratory
CHEM 2B	Genl Chemistry	(5)		CHEM 200	&	General Chemistry I - (3)
						Lecture
				CHEM 200L	&	General Chemistry I - (2)
						Laboratory
				CHEM 201	&	General Chemistry II (3)
						- Lecture
				CHEM 201L		General Chemistry II (2)

CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	- Laboratory General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>	
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 195		Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196	&	Electricity and (5) Magnetism
			PHYS 197		Waves, Optics and (5) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196		Electricity and (5) Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 197		Waves, Optics and (5) Modern Physics
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MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252		Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252		Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254		Introduction to Linear (3) Algebra
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 255		Differential Equations (3)
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CHEM 128A	Organic Chemistry	(3)	CHEM 231		Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231	&	Organic Chemistry I - (3) Lecture
			CHEM 233		Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L		Organic Chemistry I (2) Laboratory

END OF MAJOR

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

**Special Advising Note:**

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

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

enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L &	General Chemistry I - (2) Laboratory
			CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
	<b>OR</b>		<b>OR</b>	
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 125 &	General Physics (5)

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PHYSICS 7B	General Physics	(4)	PHYS 126	General Physics II	(5)
			PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)

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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)

	<b>OR</b>			<b>OR</b>	
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	

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)

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CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233L	Organic Chemistry II Laboratory	(2)

END OF MAJOR

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

**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - (3) Lecture
			CHEM 200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - (3) Lecture
			CHEM 200L	&	General Chemistry I - (2) Laboratory
			CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>	
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 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
CHEM 129C	Organic Chem Lab	(2)	CHEM 233L	Organic Chemistry II Laboratory	(2)

**RECOMMENDED COURSES:**

PHYSICS 9D	Modern Physics	(4)	PHYS 197	Waves, Optics and Modern Physics	(5)
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**END OF MAJOR**

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

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

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

enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L &	General Chemistry I - (2) Laboratory
			CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>
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 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
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STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233 &	Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 &	Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I -	(3)

CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Lecture Organic Chemistry I - (3)
			CHEM 233	Lecture Organic Chemistry II - (3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233	Lecture Organic Chemistry II - (3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Lecture Organic Chemistry I (2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L &	Laboratory Organic Chemistry I (2)
			CHEM 233L	Laboratory Organic Chemistry II (2)

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
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			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L &	General Chemistry I - (2) Laboratory
			CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>
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 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (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.

	<b>OR</b>			<b>OR</b>
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism (5)
			PHYS 197	Waves, Optics and Modern Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism (5)

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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I (3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II (3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II (3)
	<b>OR</b>			<b>OR</b>
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
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I (5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II (4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III (4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science Statistics	(3)
	<u>OR</u>		<u>OR</u>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u> Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u> Organic Chemistry I - Lecture	(3)
			CHEM 231L	<u>&amp;</u> Organic Chemistry I Laboratory	(2)
			CHEM 233	<u>&amp;</u> Organic Chemistry II -Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<u>&amp;</u> Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 231	<u>&amp;</u> Organic Chemistry I - Lecture	(3)
			CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 128C	Organic Chemistry	(3)	CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L	<u>&amp;</u> Organic Chemistry I Laboratory	(2)
			CHEM 233L	Organic Chemistry II Laboratory	(2)

END OF MAJOR

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

**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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CHICANO 10	Intro to Chic Std	(4)	CHIC 110A	Introduction to Chicano Studies	(3)
			<b>OR</b>		
			CHIC 110B	Introduction to Chicano Studies	(3)
CHICANO 50	Chicano Culture	(4)	CHIC 135	Chicana/o Literature	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ONE COURSE FROM THE FOLLOWING:**

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CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	CHIC 190	Chicano Images in Film	(3)
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 70	Survey Chic Art	(4)	CHIC 230	Chicano Art	(3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE		
SPANISH 1	Elementary Spanish	(5)	SPAN 101	First Course in Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101	<b>&amp;</b> First Course in Spanish	(5)

			SPAN 102	Second Course in Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in Spanish	(5)
	<b>OR</b>			<b>OR</b>	
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 215	Spanish for Spanish Speakers I	(5)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

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

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CHICANO 10	Intro to Chic Std	(4)	CHIC 110A	Introduction to Chicano Studies	(3)
			<b>OR</b>		
			CHIC 110B	Introduction to Chicano Studies	(3)
CHICANO 50	Chicano Culture	(4)	CHIC 135	Chicana/o Literature	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
	<b>OR</b>		<b>OR</b>		
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)	CHIC 190	Chicano Images in Film	(3)
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 70	Survey Chic Art	(4)	CHIC 230	Chicano Art	(3)
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
SPANISH 1	Elementary Spanish	(5)	SPAN 101	First Course in Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 &	First Course in Spanish	(5)
			SPAN 102	Second Course in Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in Spanish	(5)
	<b>OR</b>		<b>OR</b>		
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 215	Spanish for Spanish Speakers I	(5)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

**Chinese Placement Examination Note:**

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 101	First Course in Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 102	Second Course in Mandarin Chinese	(5)
x) CHINESE 3	Elem Chinese	(5)	CHIN 201	Third Course Mandarin Chinese	(5)
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE		



**RECOMMENDED COURSES FOR THIS MAJOR:**

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE	
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE	
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE	
	Same as: JPNESE 50			
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE	
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE	
LINGUIS 1	Intro Linguistics	(4)	ENGL 202 Introduction to Linguistics	(3)
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	

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**END OF MAJOR**

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

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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

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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		

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**Select two of the following courses:**

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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

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**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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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
	<b>OR</b>		<b>OR</b>
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

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**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

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**ONE ADDITIONAL COURSE SELECTED FROM:**

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110 Art History: (3) Prehistoric to Gothic
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
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 220 Masterpieces of World Literature I: 1500 BCE - 1600 CE (3)
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 104A History of Western Philosophy (3)
REL STD 21	The Bible	(4)	HUMA 104 Introduction to the Old Testament (3)
REL STD 40	New Testament	(4)	HUMA 103 Introduction to the New Testament (3)

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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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
	<b>AND</b>		<b>AND</b>
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

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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](#). 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.

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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.

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ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)
<hr/>					
COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A <b>&amp;</b>	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 200 <b>&amp;</b>	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 <b>&amp;</b>	General Chemistry I - Lecture	(3)
			CHEM 200L <b>&amp;</b>	General Chemistry I - Laboratory	(2)
			CHEM 201 <b>&amp;</b>	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 <b>&amp;</b>	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)



CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
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ECON 1A	Princ of Microecon	(4)	ECON 121		Principles of Microeconomics	(3)
	<b>OR</b>				<b>OR</b>	
ECON 1B	Princ of Macroecon	(4)	ECON 120		Principles of Macroeconomics	(3)
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PSYCH 1	General Psychology	(4)	PSYC 101		General Psychology	(3)
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SOCIOL 1	Intro Sociology	(5)	SOCO 101		Principles of Sociology	(3)
	<b>OR</b>				<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOCO 110		Contemporary Social Problems	(3)
	<b>OR</b>				<b>OR</b>	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103		Introduction to Cultural Anthropology	(3)
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STATIST 13	Elementary Statistics	(4)	BIOL 200		Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		<b>OR</b>	
			MATH 119		Elementary Statistics	(3)
			<b>OR</b>		<b>OR</b>	
			PSYC 258		Behavioral Science Statistics	(3)
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END OF MAJOR

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)
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COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
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 101	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
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PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
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STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

**Emphasis 1: Computational**

ENG CS 20	C Sci/Discrete Math	(4)	MATH 245	Discrete Mathematics	(3)
ENG CS 32A	Intro to Programming	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	Formerly ENG CS 10				
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming	(4)
	Formerly ENG CS 30			<b>OR</b>	
			CISC 192	C/C++ Programming	(4)
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 40				
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 32B	Intro to Data Structures	(4)			
	<b>OR</b>			<b>OR</b>	
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 60				

LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)

MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
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 101	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 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)
<b>Emphasis 2: Neuroscience</b>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
COG SCI 1	Intro Cognitive Science	(4)	NO COURSE ARTICULATED		
	<b>OR</b>			<b>OR</b>	
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 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
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PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
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STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science Statistics	(3)
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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: LINGUIS 5					
	<b>OR</b>			<b>OR</b>	
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)	CISC 181	Principles of Information Systems	(4)

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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.**

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	<b>OR</b>			<b>OR</b>	
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 101	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)

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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.**

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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

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

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

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

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

**TWO COURSES FROM THE FOLLOWING:**

COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 220	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 220 &	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
			ENGL 221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)
UWRITING 48	Style in the Essay	(4)	ENGL 207	The Art of the Sentence	(3)
	Formerly UWRITING 18				
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CISC 181	Principles of Information Systems	(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 121	Principles of Microeconomics	(3)
	OR			OR	



ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)
ANthro 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		OR		
			MATH 119	Elementary Statistics	(3)
			OR		
			PSYC 258	Behavioral Science Statistics	(3)
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

**Special Advising Note:**

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

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

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB** examination credit policies 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 220	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
	<b>OR</b>			<b>OR</b>	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 220 &	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
			ENGL 221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 221	Masterpieces of World Literature II: 1600 - Present	(3)
	<b>OR</b>			<b>OR</b>	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		

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**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 220	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 220 &	Masterpieces of World Literature I: 1500 BCE - 1600 CE	(3)
			ENGL 221	Masterpieces of World Literature II: 1600 - Present	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 221	Masterpieces of World Literature II: 1600 - Present	(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)	HUMA 201	Mythology	(3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE		
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE		
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE		
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: GERMAN 11				
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE		
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE		
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE		
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not		

			submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO 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.**

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

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**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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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.

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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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

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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.

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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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
<hr/>				
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
	<b>OR</b>			<b>OR</b>
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)	MATH 245	Discrete Mathematics (3)
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming (4)
	Formerly ENG CS 30		<b>OR</b>	
			CISC 192	C/C++ Programming (4)
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE	
	Formerly ENG CS 40			
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE	
	Formerly ENG CS 60			
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE	

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
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 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)

END OF MAJOR

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

**Special Advising Note:**

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

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

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

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

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	Design Drawing	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	ARTF 150A Two-Dimensional Design (3)
	<b>AND</b>		<b>AND</b>
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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**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
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UWRITING 11	Pop Sci & Technol Wrtnng	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	OR		OR
UWRITING 48	Style in the Essay	(4)	ENGL 207 The Art of the (3)
	Formerly UWRITING 18		Sentence
	OR		OR
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		
<b>END OF MAJOR</b>			

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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 HISTORY 9A East Asian Civ (4) | NO COMPARABLE COURSE  
 HISTORY 9B East Asian Civ (4) | NO COMPARABLE COURSE  
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**ONE COURSE FROM THE FOLLOWING:**

ARTHI 1D Arts of Asia (4) | ARTF 125 Art History: Arts of (3)  
 the Asian Continent  
 CHINESE 7 Chinese Business Culture (4) | NO COURSE ARTICULATED: College has not  
 submitted course(s) for articulation  
 CHINESE 10 Modern Lit (in Engl) (4) | NO COMPARABLE COURSE  
 CHINESE 11 Gt Bks China (Engl) (4) | NO COMPARABLE COURSE  
 COMPLIT 53A Lit of East Asia (4) | NO COMPARABLE COURSE  
 JPNESE 10 Masterworks in English (4) | NO COMPARABLE COURSE  
 JPNESE 25 Language & Culture (in (4) | NO COMPARABLE COURSE  
 English)  
 JPNESE 50 Intro to Literature (4) | NO COMPARABLE COURSE  
 Same as: CHINESE 50  
 E ASIAN 88 Korean Society (4) | NO COURSE ARTICULATED: College has not  
 submitted course(s) for articulation  
 REL STD 75 Introduction to Chinese (4) | NO COMPARABLE COURSE  
 Philosophy

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

x) CHINESE 1 Elem Chinese (5) | CHIN 101 First Course in (5)  
 Mandarin Chinese  
 x) CHINESE 2 Elem Chinese (5) | CHIN 102 Second Course in (5)  
 Mandarin Chinese  
 OR  
 y) JPNESE 1 Elem Japanese (5) | JAPN 101 & First Course in (5)  
 Japanese  
 | JAPN 210 Conversation and (3)  
 Composition in  
 Japanese I  
 y) JPNESE 2 Elem Japanese (5) | JAPN 101 & First Course in (5)  
 Japanese  
 | JAPN 102 Second Course in (5)  
 Japanese  
 OR  
 | JAPN 210 & Conversation and (3)  
 Composition in  
 Japanese I  
 | JAPN 211 Conversation and (3)  
 Composition in  
 Japanese II

**END OF MAJOR**

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

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

Special Advising Note:

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A <b>&amp;</b>	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 210B	Introduction to the Biological Sciences II	(4)

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CHEM 2A	Genl Chemistry	(5)		CHEM 200 <b>&amp;</b>	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 <b>&amp;</b>	General Chemistry I - Lecture	(3)
				CHEM 200L <b>&amp;</b>	General Chemistry I - Laboratory	(2)
				CHEM 201 <b>&amp;</b>	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)

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PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
PHYSICS 7A	General Physics	(4)		PHYS 125 <b>&amp;</b>	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)		PHYS 125 <b>&amp;</b>	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)		PHYS 125 <b>&amp;</b>	General Physics	(5)
				PHYS 126	General Physics II	(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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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>				<b>OR</b>	
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
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)		MATH 150 Calculus with Analytic (5)
				Geometry I
MATH 21B	Calculus	(4)		MATH 151 Calculus with Analytic (4)
				Geometry II
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ENV S&P 1	Env Analysis	(4)		NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
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**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.

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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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of	(3)
				Microeconomics	
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of	(3)
				Macroeconomics	
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science	(3)
				Statistics	
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of	(3)
				Applied Calculus I	
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of	(3)
				Calculus II	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic	(4)
				Geometry II	

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

MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra

**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**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.**

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)

ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 215	English Literature I: 800-1799	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 210	American Literature I	(3)
			<b>OR</b>		
			ENGL 216	English Literature II: 1800 - Present	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 211	American Literature II	(3)

**ONE COURSE FROM THE FOLLOWING:**

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 41	Intro Topics Lit & Media	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 43	Intro Topics in Drama	(4)	DRAM 105	Introduction to Dramatic Arts	(3)
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE		
ENGLISH 45	Intro Topics in Poetry	(4)	NO COMPARABLE COURSE		

**END OF MAJOR**

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

**Special Advising Note:**

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

Transfer students must also meet UC transfer admission requirements. See the

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233 &	Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)

MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
<b>OR</b>			<b>OR</b>		
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	
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
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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)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)
<b>OR</b>			<b>OR</b>		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

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

**Special Advising Note:**

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

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**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/>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COMPARABLE COURSE
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A Introduction to the Biological Sciences I (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & Introduction to the Biological Sciences I (4) BIOL 210B Introduction to the Biological Sciences II (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L & General Chemistry I - (2) Laboratory CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>		
	<b>OR</b>		<b>OR</b>
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	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 COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of Applied Calculus I (3)
	<b>OR</b>		<b>OR</b>
STATIST 13	Elementary Statistics	(4)	BIOL 200 Biological Statistics (3)
	Same as: STATIST 13Y		<b>OR</b> MATH 119 Elementary Statistics (3) <b>OR</b> PSYC 258 Behavioral Science (3)



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

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**URBAN LANDSCAPE MANAGEMENT OPTION**

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

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**RECOMMENDED COURSES:**

COMUNCN 1      Intro Public Spkg      (4) | COMS 103      Oral Communication      (3)

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**END OF MAJOR**

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

**Special Advising Note:**

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) 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).

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
	<b>OR</b>			<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General Biology - Lecture and Laboratory	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
	<b>OR</b>		CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 10	Concept of Chem	(4)	CHEM 100	<b>OR</b> Fundamentals of Chemistry	(3)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	<b>&amp;</b> Introduction to the Biological Sciences I	(4)

			BIOL 210B	Introduction to the Biological Sciences II	(4)
				<b>OR</b>	
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
				<b>OR</b>	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
				<b>OR</b>	
SCI&SOC 18	GIS & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)

**ONE COURSE FROM THE FOLLOWING:**

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
i) GEOLOGY 1	The Earth	(4)	GEOL 100	Physical Geology	(3)
PL SCI 12	Plants and Society	(4)	BIOL 180	Plants and People	(3)
	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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
				<b>OR</b>	
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		
				<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
POL SCI 1	Amer Natl Govt	(4)	POLI 102	The American Political System	(3)
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y			<b>OR</b>	
			MATH 119	Elementary Statistics	(3)

			<u>OR</u>			
				PSYC 258	Behavioral Science	(3)
					Statistics	
	<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	
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**END OF MAJOR**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

**Special Advising Note:**

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	<b>&amp;</b> Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)

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CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	<b>&amp;</b> General Chemistry I - Laboratory	(2)
			CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)

				CHEM 201L	General Chemistry II (2) - Laboratory	
					<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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i) GEOLOGY 1	The Earth	(4)		GEOL 100	Physical Geology	(3)
					<b>OR</b>	
i) GEOLOGY 50	Physical Geology	(3)		GEOL 100	Physical Geology	(3)
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PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
					<b>OR</b>	
PHYSICS 7A	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(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 121	Principles of Microeconomics	(3)
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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
					<b>OR</b>	
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	
					<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic Geometry II	(4)
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ENV S&P 1	Env Analysis	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)		CHEM 201 &	General Chemistry II (3) - Lecture	
				CHEM 201L	General Chemistry II (2) - Laboratory	
					<b>OR</b>	
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)		BIOL 200	Biological Statistics	(3)
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Same as: STATIST 13Y

	<u>OR</u>		
		MATH 119	Elementary Statistics (3)
	<u>OR</u>		
		PSYC 258	Behavioral Science (3) Statistics

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**ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:**

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

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

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

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**END OF MAJOR**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I	(4)
				Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)



CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L &	General Chemistry I - (2) Laboratory
			CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>
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 231 &	Organic Chemistry I - (3) Lecture
			CHEM 231L	Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - (3) Lecture
			CHEM 231L &	Organic Chemistry I (2) Laboratory
			CHEM 233 &	Organic Chemistry II (3) - Lecture
			CHEM 233L	Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 &	Organic Chemistry II (3) - Lecture
			CHEM 233L	Organic Chemistry II (2) Laboratory
	<b>OR</b>			<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I - (3) Lecture
			CHEM 233	Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233	Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Organic Chemistry I (2) Laboratory
<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
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II

MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
PHYSICS 7A	General Physics	(4)	PHYS 125 & PHYS 126	General Physics	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 & PHYS 126	General Physics II	(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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	&	Introduction to the Biological Sciences I	(4)
			BIOL 210B		Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B		Introduction to the Biological Sciences II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L		General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L	&	General Chemistry I - Laboratory	(2)
			CHEM 201	&	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	&	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	&	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)

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			
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic Geometry II	(4)

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

**RECOMMENDED:**

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation			
	<b>OR</b>				<b>OR</b>	
MATH 21C	Calculus	(4)	MATH 252		Calculus with Analytic Geometry III	(4)

**END OF MAJOR**

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

**Special Advising Note:**

The following majors in the College of the Biological Sciences--biochemistry and

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

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

**REQUIREMENTS FOR ADMISSION:**  
(for 2019-20)

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

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

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

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L &	General Chemistry I - Laboratory	(2)
				CHEM 201 &	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)		CHEM 201 &	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
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CHEM 8A	Organic Chem-Brief	(2)		CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
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	<b>OR</b>				<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231 &	Organic Chemistry I - Lecture	(3)

			CHEM 231L	Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - (3) Lecture
			CHEM 231L &	Organic Chemistry I (2) Laboratory
			CHEM 233 &	Organic Chemistry II (3) - Lecture
			CHEM 233L	Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233 &	Organic Chemistry II (3) - Lecture
			CHEM 233L	Organic Chemistry II (2) Laboratory

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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II

PHYSICS 7A	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics (5)
			PHYS 126	General Physics II (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 252	Calculus with Analytic (4) Geometry III
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END OF MAJOR

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

**IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:**

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory

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

CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - (3) Lecture
			CHEM 200L	&	General Chemistry I - (2) Laboratory
			CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory

B) ENG CS 15	Intro to Computers	(4)	CISC 181		Principles of (4) Information Systems
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CISC 190		JAVA Programming (4)
	Formerly ENG CS 30		<b>OR</b>		
			CISC 192		C/C++ Programming (4)

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

MATH 16A	Short Calculus	(3)	MATH 121		Basic Techniques of (3) Applied Calculus I
MATH 16B	Short Calculus	(3)	MATH 122		Basic Techniques of (3) Calculus II
MATH 16C	Short Calculus	(3)	MATH 122		Basic Techniques of (3) Calculus II
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252		Calculus with Analytic (4) Geometry III

PHYSICS 7A	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195		Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196	&	Electricity and (5) Magnetism
			PHYS 197		Waves, Optics and (5) Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196		Electricity and (5) Magnetism



STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 119	Elementary Statistics	(3)
				<u>OR</u>		
				PSYC 258	Behavioral Science	(3)
					Statistics	

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

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ENGIN 45	Prop of Mats	(4)		ENGE 210	Properties of	(3)
					Materials	

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**PREPARATION FOR GRADUATION:**

CHEM 128A	Organic Chemistry	(3)		CHEM 231	Organic Chemistry I -	(3)
					Lecture	
CHEM 128B	Organic Chemistry	(3)		CHEM 231 &	Organic Chemistry I -	(3)
					Lecture	
				CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 128C	Organic Chemistry	(3)		CHEM 233	Organic Chemistry II -	(3)
					Lecture	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
CHEM 129B	Organic Chem Lab	(2)		CHEM 231L &	Organic Chemistry I	(2)
					Laboratory	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	

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**ELECTIVE COURSES:**

ECON 1A	Princ of Microecon	(4)		ECON 121	Principles of	(3)
					Microeconomics	
ECON 1B	Princ of Macroecon	(4)		ECON 120	Principles of	(3)
					Macroeconomics	

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MATH 22A	Linear Algebra	(3)		MATH 254	Introduction to Linear	(3)
					Algebra	

MATH 22B	Differntl Equations	(3)		MATH 255	Differential Equations	(3)
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PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		
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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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COMUNCN 1	Intro Public Spkg	(4)		COMS 103	Oral Communication	(3)
MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)		MATH 122	Basic Techniques of Calculus II	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
				CHEM 200L	<b>&amp;</b> General Chemistry I - Laboratory	(2)
				CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)		CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 8A	Organic Chem-Brief	(2)		CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	<b>AND</b> Organic Chem-Brief	(4)		CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
				CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	<b>AND</b> Org Chem, Hlth & Sci	(4)		CHEM 231	<b>&amp;</b> Organic Chemistry I - Lecture	(3)
				CHEM 231L	<b>&amp;</b> Organic Chemistry I Laboratory	(2)

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				CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
				CHEM 233L		Organic Chemistry II (2) Laboratory
					<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)		CHEM 231		Organic Chemistry I - (3) Lecture
					<b>AND</b>	
CHEM 128B	Organic Chemistry	(3)		CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
				CHEM 233		Organic Chemistry II - (3) Lecture
					<b>AND</b>	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L		Organic Chemistry I (2) Laboratory

PHYSICS 7A	General Physics	(4)		PHYS 125	<b>&amp;</b>	General Physics (5)
				PHYS 126		General Physics II (5)
PHYSICS 7B	General Physics	(4)		PHYS 125	<b>&amp;</b>	General Physics (5)
				PHYS 126		General Physics II (5)
PHYSICS 7C	General Physics	(4)		PHYS 125	<b>&amp;</b>	General Physics (5)
				PHYS 126		General Physics II (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)		BIOL 200		Biological Statistics (3)
	Same as: STATIST 13Y				<b>OR</b>	
				MATH 119		Elementary Statistics (3)
					<b>OR</b>	
				PSYC 258		Behavioral Science (3) Statistics

NUTR 10	Discoveries and Concepts	(3)		NUTR 150		Nutrition (3)
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**RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:**

CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
				CHEM 233L		Organic Chemistry II (2) Laboratory
					<b>OR</b>	
CHEM 128C	Organic Chemistry	(3)		CHEM 233		Organic Chemistry II - (3) Lecture
					<b>AND</b>	
CHEM 129B	Organic Chem Lab	(2)		CHEM 231L	<b>&amp;</b>	Organic Chemistry I (2) Laboratory
				CHEM 233L		Organic Chemistry II (2) Laboratory
					<b>AND</b>	
CHEM 129C	Organic Chem Lab	(2)		CHEM 233L		Organic Chemistry II (2) Laboratory

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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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FRENCH 1	Elementary French	(5)	FREN 101	First Course in French	(5)
FRENCH 2	Elementary French	(5)	FREN 101 & FREN 102	First Course in French	(5)
				Second Course in French	(5)
FRENCH 3	Elementary French	(5)	FREN 102	Second Course in French	(5)
FRENCH 21	Intermed French	(5)	FREN 201	Third Course in French	(5)
FRENCH 22	Intermed French	(5)	FREN 202	Fourth Course in French	(5)
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE		

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**Please Note:** Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-

Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.

END OF MAJOR

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

**Special Advising Note:**

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

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

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**College Foreign Language Requirement Note:**

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

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

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

|submitted course(s) for articulation

**TWO COURSES FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE	
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE	
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103 Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE	
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE	
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A Introduction to Chicano Studies	(3)
			<b>OR</b>	
			CHIC 110B Introduction to Chicano Studies	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
CHICANO 50	Chicano Culture	(4)	CHIC 135 Chicana/o Literature	(3)
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE	
ENGLISH 3	Intro to Lit	(4)	ENGL 105 Composition and Literature	(3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYC 101 General Psychology	(3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE	
SCI&TEC 2	Intro History of Science	(4)		
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE	
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ANTHRO 32			
SOCIOLOG 2	Self and Society	(4)	PSYC 166 Introduction to Social Psychology	(3)
SOCIOLOG 3	Social Problems	(4)	SOCO 110 Contemporary Social Problems	(3)
SOCIOLOG 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOLOG 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOLOG 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE	
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.

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**Transfer Admission Guarantee (TAG) Note:**

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IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
	<b>OR</b>			<b>OR</b>	
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 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)

					Organic and Biological Chemistry Laboratory
	<b>OR</b>				<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
			CHEM 231L		Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
			CHEM 231L	<b>&amp;</b>	Organic Chemistry I (2) Laboratory
			CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory

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		
	<b>OR</b>				<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic (4) Geometry II

PHYSICS 7A	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics (5)
			PHYS 126		General Physics II (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 252		Calculus with Analytic (4) Geometry III
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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.

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
i) GEOLOGY 50	Physical Geology	(3)	GEOL 100	Physical Geology (3)
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 101	Physical Geology Laboratory (1)
GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I (3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II (3)
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I (5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture (3)
			CHEM 200L	General Chemistry I - (2)

CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	Laboratory General Chemistry I - (3) Lecture
			CHEM 200L	&	General Chemistry I - (2) Laboratory
			CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory

PHYSICS 7A	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125	&	General Physics (5)
			PHYS 126		General Physics II (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)	BIOL 200		Biological Statistics (3)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 119		Elementary Statistics (3)
			<u>OR</u>		
			PSYC 258		Behavioral Science (3) Statistics
	<u>OR</u>			<u>OR</u>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

**Special Advising Note:**

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

GEOLOGY 3	History of Life	(3)		NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
i) GEOLOGY 50	Physical Geology	(3)		GEOL 100	Physical Geology (3)
GEOLOGY 50L	Physical Geol Lab	(2)		GEOL 101	Physical Geology (1)
					Laboratory
GEOLOGY 60	Earth Materials: Intro	(4)		NO COMPARABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2)		NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5)
					Geometry I
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic (4)
					Geometry II
MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic (4)
					Geometry III

CHEM 2A	Genl Chemistry	(5)		CHEM 200	<u>&amp;</u> General Chemistry I - (3)
					Lecture
				CHEM 200L	General Chemistry I - (2)
					Laboratory
CHEM 2B	Genl Chemistry	(5)		CHEM 200	<u>&amp;</u> General Chemistry I - (3)
					Lecture
				CHEM 200L	<u>&amp;</u> General Chemistry I - (2)
					Laboratory
				CHEM 201	<u>&amp;</u> General Chemistry II (3)
					- Lecture
				CHEM 201L	General Chemistry II (2)
					- Laboratory

**SELECT ONE OF THE FOLLOWING THREE OPTIONS:**

**GENERAL GEOLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)		CHEM 201	<u>&amp;</u> General Chemistry II (3)
					- Lecture
				CHEM 201L	General Chemistry II (2)
					- Laboratory
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
PHYSICS 7A	General Physics	(4)		PHYS 125	<u>&amp;</u> General Physics (5)
					PHYS 126
					General Physics II (5)
PHYSICS 7B	General Physics	(4)		PHYS 125	<u>&amp;</u> General Physics (5)
					PHYS 126
					General Physics II (5)
PHYSICS 7C	General Physics	(4)		PHYS 125	<u>&amp;</u> General Physics (5)
					PHYS 126
					General Physics II (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.

	<b>OR</b>		<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism (5)
			PHYS 197	Waves, Optics and Modern Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism (5)

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

**GEOCHEMISTRY/PETROLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III (4)
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism (5)
			PHYS 197	Waves, Optics and Modern Physics (5)

**QUANTITATIVE/GEOPHYSICS OPTION:**

MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III (4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra (3)
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism (5)
			PHYS 197	Waves, Optics and Modern Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism (5)

**END OF MAJOR**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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GERMAN 1	Elementary German	(5)		GERM 101	First Course in German	(5)
GERMAN 2	Elementary German	(5)		GERM 101 & GERM 102	First Course in German	(5)
					Second Course in German	(5)
GERMAN 3	Elementary German	(5)		GERM 102	Second Course in German	(5)
GERMAN 20	Intermediate German	(4)		GERM 201	Third Course in German	(5)
GERMAN 21	Intermediate German	(4)		NO COMPARABLE COURSE		
GERMAN 22	Intermediate German	(4)		NO COMPARABLE COURSE		

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

**AP and IB** examination credit policies 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 210A Introduction to the Biological Sciences I (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & Introduction to the Biological Sciences I (4) BIOL 210B Introduction to the Biological Sciences II (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B Introduction to the Biological Sciences II (4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L & General Chemistry I - (2) Laboratory CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & Introduction to Organic and Biological Chemistry (3) CHEM 130L Introduction to Organic and Biological Chemistry Laboratory (1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & Introduction to Organic and Biological Chemistry (3) CHEM 130L Introduction to Organic and Biological Chemistry Laboratory (1)
	<b>OR</b>		<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3) Lecture CHEM 231L Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I - (3)

			Lecture	
CHEM 231L	&	Organic Chemistry I	(2)	Laboratory
CHEM 233	&	Organic Chemistry II	(3)	- Lecture
CHEM 233L		Organic Chemistry II	(2)	Laboratory

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 125 & General Physics (5)
			PHYS 126 General Physics II (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (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)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science	(3)
				Statistics	

**END OF MAJOR**

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

**Special Advising Note:**

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

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**College Foreign Language Requirement Note:**

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

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

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

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

**A. AFRICA**

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

**B. ASIA**

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

**C. EUROPE**

HISTORY 4A	Western Civ	(4)		NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)		HIST 105 &	Introduction to Western Civilization I (3)
				HIST 106	Introduction to Western Civilization II (3)
HISTORY 4C	Western Civ	(4)		HIST 106	Introduction to Western Civilization II (3)

**D. LATIN AMERICA**

HISTORY 7A	Latin America to 1700	(4)		HIST 115A	History of the Americas I (3)
HISTORY 7B	Latin America 1700-1900	(4)		HIST 115B	History of the Americas II (3)
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 109 History of the United States I (3)  
HISTORY 17B U.S. History (4) | HIST 110 History of the United States II (3)  
HISTORY 18A Race in America to 1865 (4) | NO COURSE ARTICULATED  
HISTORY 72A Am Women & Gender (4) | NO COMPARABLE COURSE  
HISTORY 72B Am Women & Gender (4) | NO COMPARABLE COURSE  
HISTORY 80 US in the Middle East (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
HISTORY 85 Nat, Man & Mach/Amer (4) | NO COMPARABLE COURSE

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**G. WORLD**

HISTORY 1 Introduction to History (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
HISTORY 2 Intro History of Science (4) | NO COURSE ARTICULATED  
HISTORY 3 Cities: Survey of World Cultures (4) | NO COMPARABLE COURSE  
HISTORY 10A World History to 1350 (4) | HIST 100 World History I (3)  
HISTORY 10B World History 1350-1850 (4) | HIST 100 & World History I (3)  
HISTORY 10C World History III (4) | HIST 101 World History II (3)  
OR  
HIST 105 Introduction to Western Civilization I (3)  
HISTORY 11 Hist Jewish People (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
HISTORY 12 Food and History (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
HISTORY 13 Global Sexualities (4) | NO COURSE ARTICULATED  
HISTORY 14 Hist Global Capitalism (4) | NO COURSE ARTICULATED  
HISTORY 20 The Vietnam War (4) | NO COURSE ARTICULATED  
HISTORY 90 Research in History (4) | NO COURSE ARTICULATED

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**END OF MAJOR**

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

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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**Select two of the following courses:**

ANTHRO 1	Human Evol Biol	(4)		ANTH 102	Introduction to	(3)
					Physical Anthropology	

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		

**Select one course from:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
	<b>OR</b>			<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General Biology - Lecture and Laboratory	(4)
	<b>OR</b>			<b>OR</b>	
MIC BIO 10	Natural History of Infectious Diseases	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
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)	BIOL 130	Human Heredity	(3)
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**Select one course from:**

HISTORY 17A	U.S. History	(4)	HIST 109	History of the United States I	(3)
	<b>OR</b>			<b>OR</b>	
HISTORY 17B	U.S. History	(4)	HIST 110	History of the United States II	(3)
	<b>OR</b>			<b>OR</b>	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
POL SCI 1	Amer Natl Govt	(4)	POLI 102	The American Political System	(3)

**Select two of the following courses:**

PHILOS 5	Critical Reasoning	(4)	PHIL 100	Logic and Critical Thinking	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)	PHIL 112	Philosophy of Science	(3)
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

NE PH B 10	Elem Human Physio	(3)	BIOL 235	Human Physiology	(4)
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PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
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**Select one of the following options:**

PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)

Same as: STATIST 13Y

	<u>OR</u>	
	MATH 119	Elementary Statistics (3)
	<u>OR</u>	
	PSYC 258	Behavioral Science (3)
		Statistics

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**END OF MAJOR**

**====Hydrology 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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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L &	General Chemistry I - Laboratory	(2)
				CHEM 201 &	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)		CHEM 201 &	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
<hr/>						
PHYSICS 9A	Classical Physics	(5)		PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 196 &	Electricity and Magnetism	(5)
				PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS 196	Electricity and Magnetism	(5)
<hr/>						
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic	(4)



MATH 21C	Calculus	(4)	MATH 252	Geometry II Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)
i) GEOLOGY 50	Physical Geology	(3)	GEOL 100	Physical Geology (3)
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 101	Physical Geology (1) Laboratory
ENGIN 6	Engr Prob Solving	(4)	NO COURSE ARTICULATED	

**END OF MAJOR**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

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INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE	
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PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE	
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SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
<hr/>					
ECON 1A	Princ of Microecon	(4)		ECON 121	Principles of Microeconomics (3)
	<b>AND</b>			<b>AND</b>	
ECON 1B	Princ of Macroecon	(4)		ECON 120	Principles of Macroeconomics (3)
<hr/>					
STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics (3)
	Same as: STATIST 13Y			<b>OR</b>	
				MATH 119	Elementary Statistics (3)
				<b>OR</b>	
				PSYC 258	Behavioral Science (3)
				Statistics	
	<b>OR</b>			<b>OR</b>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
<hr/>					
MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of (3)

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

**SIX QUARTER UNITS FROM THE FOLLOWING:**

AGRESEC 15 Pop,Envr,World Agri (4) | NO COMPARABLE COURSE  
 AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE  
 AN SCI 41L Domest An Prod Lab (2) | NO COMPARABLE COURSE  
 CM&RGDE 20 Food Systems (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
 NUTR 10 Discoveries and Concepts (3) | NUTR 150 Nutrition (3)  
 PL SCI 1 Agr Nature & Society (3) | NO COMPARABLE COURSE  
 PL SCI 15 Intro Sustainable Agriculture (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
 PL SCI 49 Org Crop Prod Prac (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**FOREIGN LANGUAGE REQUIREMENT:**

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

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

**AREAS OF SPECIALIZATION:**

**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A Intro Biology:Life on Earth (5) | BIOL 210A Introduction to the Biological Sciences I (4)  
 BIOLSCI 2B Intro Biology: Ecology & Evolution (5) | BIOL 210A & Introduction to the Biological Sciences I (4)  
 | BIOL 210B Introduction to the Biological Sciences II (4)  
 CHEM 2A Genl Chemistry (5) | CHEM 200 & General Chemistry I - Lecture (3)  
 | CHEM 200L General Chemistry I - Laboratory (2)  
 CHEM 2B Genl Chemistry (5) | CHEM 200 & General Chemistry I - Lecture (3)  
 | CHEM 200L & General Chemistry I - Laboratory (2)  
 | CHEM 201 & General Chemistry II - Lecture (3)  
 | CHEM 201L General Chemistry II - Laboratory (2)

**TRADE AND ECONOMIC DEVELOPMENT OPTION:**

MATH 16B Short Calculus (3) | MATH 122 Basic Techniques of Calculus II (3)  
 SOCIOL 1 Intro Sociology (5) | SOCO 101 Principles of Sociology (3)  
 OR OR  
 ANTHRO 2 Cultural Anthropology (5) | ANTH 103 Introduction to Cultural Anthropology (3)  
 AGRESEC 15 Pop,Envr,World Agri (4) | NO COMPARABLE COURSE

**ENVIRONMENTAL ISSUES OPTION:**

BIOLSCI 2A Intro Biology:Life on Earth (5) | BIOL 210A Introduction to the Biological Sciences I (4)  
 BIOLSCI 2B Intro Biology: Ecology & Evolution (5) | BIOL 210A & Introduction to the Biological Sciences I (4)

				BIOL 210B	Introduction to the	(4)
					Biological Sciences	
					II	
ENV S&P 1	Env Analysis	(4)		NO COURSE	ARTICULATED: College has not	
					submitted course(s) for articulation	

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**RURAL COMMUNITIES OPTION:**

SOCIOL 1	Intro Sociology	(5)		SOCO 101	Principles of	(3)
					Sociology	
ANTHRO 2	Cultural Anthropology	(5)		ANTH 103	Introduction to	(3)
					Cultural Anthropology	

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**END OF MAJOR**

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

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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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available from our TAG website.

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 106	Introduction to Western Civilization II	(3)
	<b>OR</b>			<b>OR</b>	
HISTORY 10C	World History III	(4)	HIST 101	World History II	(3)
			<b>OR</b>		
			HIST 105	Introduction to Western Civilization I	(3)
POL SCI 2	Intro Comp Politics	(4)	POLI 103	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLI 140	Contemporary International Politics	(3)
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y					
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y					
			<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	

x) CHINESE 1	Elem Chinese	(5)	CHIN 101	First Course in Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 102	Second Course in Mandarin Chinese	(5)
x) CHINESE 3	Elem Chinese	(5)	CHIN 201	Third Course Mandarin Chinese	(5)
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
FRENCH 1	Elementary French	(5)	FREN 101	First Course in French	(5)
FRENCH 2	Elementary French	(5)	FREN 101 & FREN 102	First Course in French	(5)
FRENCH 3	Elementary French	(5)	FREN 102	Second Course in French	(5)
FRENCH 21	Intermed French	(5)	FREN 201	Third Course in French	(5)
FRENCH 22	Intermed French	(5)	FREN 202	Fourth Course in French	(5)
<b>OR</b>			<b>OR</b>		
GERMAN 1	Elementary German	(5)	GERM 101	First Course in German	(5)
GERMAN 2	Elementary German	(5)	GERM 101 & GERM 102	First Course in German	(5)
GERMAN 3	Elementary German	(5)	GERM 102	Second Course in German	(5)
GERMAN 20	Intermediate German	(4)	GERM 201	Third Course in German	(5)
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED		
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
ITALIAN 1	Elementary Italian	(5)	ITAL 101	First Course in Italian	(5)

ITALIAN 2	Elementary Italian	(5)	ITAL 102	Second Course in Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 201	Third Course in Italian	(5)
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
ITALIAN 1	Elementary Italian	(5)	ITAL 101	First Course in Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 102	Second Course in Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 201	Third Course in Italian	(5)
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<b>OR</b>			<b>OR</b>		
y) JPNESE 1	Elem Japanese	(5)	JAPN 101	& First Course in Japanese	(5)
			JAPN 210	Conversation and Composition in Japanese I	(3)
y) JPNESE 2	Elem Japanese	(5)	JAPN 101	& First Course in Japanese	(5)
			JAPN 102	Second Course in Japanese	(5)
<b>OR</b>			<b>OR</b>		
			JAPN 210	& Conversation and Composition in Japanese I	(3)
			JAPN 211	Conversation and Composition in Japanese II	(3)
y) JPNESE 3	Elem Japanese	(5)	JAPN 102	Second Course in Japanese	(5)
<b>OR</b>			<b>OR</b>		
			JAPN 211	Conversation and Composition in Japanese II	(3)
y) JPNESE 4	Inter Japanese	(5)	JAPN 201	Third Course in Japanese	(5)
<b>OR</b>			<b>OR</b>		
			JAPN 210	& Conversation and Composition in Japanese I	(3)
			JAPN 211	Conversation and Composition in Japanese II	(3)
y) JPNESE 5	Inter Japanese	(5)	JAPN 201	& Third Course in Japanese	(5)
			JAPN 202	Fourth Course in Japanese	(5)
<b>OR</b>			<b>OR</b>		
			JAPN 210	& Conversation and Composition in Japanese I	(3)
			JAPN 211	Conversation and Composition in Japanese II	(3)
y) JPNESE 6	Inter Japanese	(5)	JAPN 202	Fourth Course in Japanese	(5)
<b>OR</b>			<b>OR</b>		

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
<b>OR</b>			<b>OR</b>
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

<b>OR</b>			<b>OR</b>	
SPANISH 1	Elementary Spanish	(5)	SPAN 101	First Course in Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 <u>&amp;</u>	First Course in Spanish (5)
			SPAN 102	Second Course in Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in Spanish (5)
SPANISH 21	Intm Spanish	(5)	SPAN 102 <u>&amp;</u>	Second Course in Spanish (5)
			SPAN 201	Third Course in Spanish (5)
			<b>OR</b>	
			SPAN 201 <u>&amp;</u>	Third Course in Spanish (5)
			SPAN 202	Fourth Course in Spanish (5)
SPANISH 22	Intm Spanish	(5)	SPAN 102 <u>&amp;</u>	Second Course in Spanish (5)
			SPAN 201 <u>&amp;</u>	Third Course in Spanish (5)
			SPAN 201 <u>&amp;</u>	Third Course in Spanish (5)
			SPAN 202	Fourth Course in Spanish (5)
<b>OR</b>			<b>OR</b>	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 215	Spanish for Spanish Speakers I (5)
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 216	Spanish for Spanish Speakers II (5)

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



prerequisite.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

available from our TAG website.

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ITALIAN 1	Elementary Italian	(5)	ITAL 101	First Course in Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 102	Second Course in Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 201	Third Course in Italian	(5)
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE		

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

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**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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

**AP and IB** examination credit policies 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 101	<u>&amp;</u>	First Course in Japanese	(5)
			JAPN 210		Conversation and Composition in Japanese I	(3)
y) JPNESE 2	Elem Japanese	(5)	JAPN 101	<u>&amp;</u>	First Course in Japanese	(5)
			JAPN 102		Second Course in Japanese	(5)
				<u>OR</u>		
			JAPN 210	<u>&amp;</u>	Conversation and Composition in Japanese I	(3)
			JAPN 211		Conversation and Composition in Japanese II	(3)
y) JPNESE 3	Elem Japanese	(5)	JAPN 102		Second Course in Japanese	(5)
				<u>OR</u>		
			JAPN 211		Conversation and Composition in Japanese II	(3)
y) JPNESE 4	Inter Japanese	(5)	JAPN 201		Third Course in Japanese	(5)
				<u>OR</u>		
			JAPN 210	<u>&amp;</u>	Conversation and Composition in Japanese I	(3)
			JAPN 211		Conversation and Composition in Japanese II	(3)
y) JPNESE 5	Inter Japanese	(5)	JAPN 201	<u>&amp;</u>	Third Course in Japanese	(5)
			JAPN 202		Fourth Course in Japanese	(5)
				<u>OR</u>		
			JAPN 210	<u>&amp;</u>	Conversation and Composition in Japanese I	(3)
			JAPN 211		Conversation and Composition in Japanese II	(3)
y) JPNESE 6	Inter Japanese	(5)	JAPN 202		Fourth Course in Japanese	(5)

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**RECOMMENDED COURSES FOR THIS MAJOR:**

JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE	
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE	
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE	
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE	
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE	
Same as: JPNESE 50				
LINGUIS 1	Intro Linguistics	(4)	ENGL 202 Introduction to Linguistics	(3)
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE	

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**END OF MAJOR**

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

**====Landscape Architecture B.S.====**

**Special Advising Note:**

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

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

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**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](http://humanecology.ucdavis.edu/lda) for details.

To be a competitive applicant, you must earn an overall transfer GPA of 2.80 or higher.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
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ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	ENGL 207	The Art of the Sentence	(3)
	Formerly UWRITING 18			OR	
	OR			OR	

UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & Introduction to the Biological Sciences I (4) BIOL 210B Introduction to the Biological Sciences II (4)
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE

**ONE COURSE FROM THE FOLLOWING:**

MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of Applied Calculus I (3)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	BIOL 200 Biological Statistics (3) <b>OR</b> MATH 119 Elementary Statistics (3) <b>OR</b> PSYC 258 Behavioral Science Statistics (3)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**ONE COURSE FROM THE FOLLOWING:**

CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - Lecture (3) CHEM 200L General Chemistry I - Laboratory (2)
CHEM 10	Concept of Chem	(4)	CHEM 100 Fundamentals of Chemistry (3)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 100 Introductory Physics (4)
i) GEOLOGY 1	The Earth	(4)	GEOL 100 Physical Geology (3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE

LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Landscape Rep I Formerly Design Visualization	(4)	NO COMPARABLE COURSE
LND ARC 23	Landscape Rep II	(3)	NO COURSE ARTICULATED
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE

**Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17 agreement)**

**Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.**

**END OF MAJOR**

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

**Special Advising Note:**

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

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

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

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

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LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)
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**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

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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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.



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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
AGRESEC 18	Business Law	(4)	BUSE 140	Business Law and the Legal Environment	(3)
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CISC 181	Principles of Information Systems	(4)

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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.

MGMT 11A	Elem Accounting	(4)	ACCT 116A	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	ACCT 116B	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)

**END OF MAJOR**

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

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
PHYSICS 7A	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(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.

	<b>OR</b>				<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)		PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 196 &	Electricity and Magnetism	(5)
				PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS 196	Electricity and Magnetism	(5)

**STRONGLY RECOMMENDED:**

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

**====Marine and Coastal Science B.S. (Marine 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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOL 210A	<b>&amp;</b>	Biological Sciences I Introduction to the	(4)
			BIOL 210B		Biological Sciences I Introduction to the	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B		Biological Sciences II Introduction to the	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b>	General Chemistry I - Lecture	(3)
			CHEM 200L		General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b>	General Chemistry I - Lecture	(3)
			CHEM 200L	<b>&amp;</b>	General Chemistry I - Laboratory	(2)
			CHEM 201	<b>&amp;</b>	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201	<b>&amp;</b>	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II -Laboratory	(2)
CHEM 8A	<b>AND</b> Organic Chem-Brief	(2)	CHEM 130	<b>&amp;</b>	<b>AND</b> Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<b>&amp;</b>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
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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			
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic Geometry II	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<b>&amp;</b>	General Physics	(5)
			PHYS 126		General Physics II	(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 195	Mechanics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and (5)
				Magnetism
			PHYS 197	Waves, Optics and (5)
				Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and (5)
				Magnetism

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**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

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**END OF MAJOR**

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

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

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

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Biological Sciences II Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	<b>&amp;</b> General Chemistry I - Laboratory	(2)
			CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)

MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 125	<b>&amp;</b> General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<b>&amp;</b> General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<b>&amp;</b> General Physics	(5)
			PHYS 126	General Physics II	(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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196	<b>&amp;</b> Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and	(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.

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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 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I Introduction to the Biological Sciences II	(4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture General Chemistry I - Laboratory	(3) (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture General Chemistry I - Laboratory	(3) (2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & CHEM 201L	General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2)

MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
<b>OR</b>			<b>OR</b>		
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		
<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 125 & PHYS 126	General Physics General Physics II	(5) (5)
PHYSICS 7B	General Physics	(4)	PHYS 125 & PHYS 126	General Physics General Physics II	(5) (5)

PHYSICS 7C	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(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.

	<b>OR</b>				<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)		PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS 196 &	Electricity and	(5)
					Magnetism	
				PHYS 197	Waves, Optics and	(5)
					Modern Physics	
PHYSICS 9C	Classical Physics	(5)		PHYS 196	Electricity and	(5)
					Magnetism	

**STRONGLY RECOMMENDED:**

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

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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**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.

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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.

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MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
	<b>OR</b>		<b>OR</b>	
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 252	Calculus with Analytic (4) Geometry III
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)

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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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A Linear Algebra (3) | MATH 254 Introduction to Linear (3)  
Algebra

**AND**

**AND**

MATH 108 Intro Abstract Math (4) | This course must be taken at UC Davis

**OR SELECT THE FOLLOWING COURSE:**

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

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ENG CS 32A Intro to Programming(4) | NO COURSE ARTICULATED: College has not  
Formerly ENG CS 10 | submitted course(s) for articulation

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ENGIN 6 Engr Prob Solving (4) | NO COURSE ARTICULATED

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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**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.

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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.

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MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)		MATH 252	Calculus with Analytic (4) Geometry III
MATH 22B	Differntl Equations	(3)		MATH 255	Differential Equations (3)
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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)		MATH 254	Introduction to Linear (3) Algebra
<b>AND</b>				<b>AND</b>	
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	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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**OR**

ENGIN 6	Engr Prob Solving	(4)		NO COURSE ARTICULATED	
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ECON 1A	Princ of Microecon	(4)		ECON 121	Principles of (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)		ECON 120	Principles of (3) Macroeconomics

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STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE	
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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations (3)
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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
<b>AND</b>			<b>AND</b>	
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	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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<b>OR</b>			<b>OR</b>	
ENGIN 6	Engr Prob Solving	(4)	NO COURSE ARTICULATED	

**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.**

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

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**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.

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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**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.

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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.

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MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5)
				Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4)
				Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4)

MATH 21D	Vector Analysis	(4)	MATH 252	Geometry III Calculus with Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)
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 254	Introduction to Linear Algebra	(3)
<b>AND</b>			<b>AND</b>		
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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10				

**OR**

**OR**

ENGIN 6	Engr Prob Solving	(4)	NO COURSE ARTICULATED		
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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.**

**PLAN 1: GENERAL MATHEMATICS**

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
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**PLAN 2: MATHEMATICS FOR SECONDARY TEACHING**

PHYSICS 7A	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)

**OR**

**OR**

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
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**OR**

**OR**

STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y				

**OR**

**OR**

**OR**

			MATH 119	Elementary Statistics	(3)
			PSYC 258	Behavioral Science Statistics	(3)

**OR**

**OR**

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

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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**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.

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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 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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 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)	ARTF 110 &	Art History: (3)
				Prehistoric to Gothic
			ARTF 111	Art History: (3)
				Renaissance to Modern
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History: (3)
				Renaissance to Modern
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 220 &	Masterpieces of World (3)
				Literature I: 1500 BCE - 1600 CE
			ENGL 221	Masterpieces of World (3)
				Literature II: 1600 - Present
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 215	English Literature I: (3)
				800-1799
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE	
HISTORY 4B	Western Civ	(4)	HIST 105 &	Introduction to (3)
				Western Civilization I
			HIST 106	Introduction to (3)
				Western Civilization II
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 104A	History of Western (3)
				Philosophy
PHILOS 22	Phil Classics: Modern	(4)	PHIL 104B	History of Western (3)
				Philosophy

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.

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 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.

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**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 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture Laboratory	(3) (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L & CHEM 201 & CHEM 201L	General Chemistry I - Lecture Laboratory General Chemistry II - Lecture Laboratory	(3) (2) (3) (2)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
	<b>OR</b>				<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
			CHEM 231L		Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
			CHEM 231L	<u>&amp;</u>	Organic Chemistry I Laboratory	(2)
			CHEM 233	<u>&amp;</u>	Organic Chemistry II -Lecture	(3)
			CHEM 233L		Organic Chemistry II Laboratory	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<u>&amp;</u>	Organic Chemistry II - Lecture	(3)
			CHEM 233L		Organic Chemistry II Laboratory	(2)

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			
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE			
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE			
	<b>OR</b>				<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(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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**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.

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(for 2019-20)

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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.

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture General Chemistry I - Laboratory	(3) (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L & CHEM 201 & CHEM 201L	General Chemistry I - Lecture General Chemistry I - Laboratory General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2) (3) (2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & CHEM 201L	General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(3) (1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(3) (1)
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	CHEM 231 &	OR Organic Chemistry I -	(3)

					Lecture	
				CHEM 231L	Organic Chemistry I	(2)
					Laboratory	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	& Organic Chemistry I -	(3)
					Lecture	
				CHEM 231L	& Organic Chemistry I	(2)
					Laboratory	
				CHEM 233	& Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 233	& Organic Chemistry II	(3)
					- Lecture	
				CHEM 233L	Organic Chemistry II	(2)
					Laboratory	

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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	
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic	(5)
					Geometry I	
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic	(4)
					Geometry II	

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PHYSICS 7A	General Physics	(4)		PHYS 125	& General Physics	(5)
PHYSICS 7B	General Physics	(4)		PHYS 126	& General Physics II	(5)
PHYSICS 7C	General Physics	(4)		PHYS 125	& General Physics	(5)
				PHYS 126	& General Physics II	(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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MIC BIO 91	Intro Research	(1)		NO COURSE	ARTICULATED	
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**RECOMMENDED:**

MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic	(4)
					Geometry III	

**END OF MAJOR**

====Middle East/South Asia Studies A.B.====

**Special Advising Note:**

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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**College Foreign Language Requirement Note:**

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

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

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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

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**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
	<b>OR</b>		<b>OR</b>
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
	<b>OR</b>		<b>OR</b>
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

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**OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.**  
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**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)	HUMA 104 Introduction to the Old Testament (3)
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

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**END OF MAJOR**

**====Music A.B.====**

**Special Advising Note:**

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**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.

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**Transfer Admission Guarantee (TAG) Note:**



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**College Foreign Language Requirement Note:**

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

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

AP and IB examination credit policies 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)	CREDIT WILL BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 2B	Keyboard Competence	(2)	CREDIT WILL BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 2C	Keyboard Competence	(2)	CREDIT WILL BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

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

c) MUSIC 6A	Elementary Theory	(3)	MUSI 158A Music Theory I (4)
MUSIC 6B	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 6C	Elementary Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

MUSIC 7A	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7B	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 7C	Intermediate Theory	(3)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

MUSIC 16A	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 16B	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 16C	Elem Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

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

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MUSIC 17A	Intermediate Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 17B	Intermediate Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.
MUSIC 17C	Intermediate Musicianship	(2)	CREDIT TO BE DETERMINED BY UC DAVIS MUSIC DEPARTMENT'S PLACEMENT EXAMS.

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

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

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**END OF MAJOR**

c) Students who take MUSI 158A at San Diego Mesa College will receive credit for either MUSIC 3B or MUSIC 6A at UC Davis, not both.

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
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N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE OR TWO COURSES FROM:**

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

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**ONE OR TWO COURSES FROM:**

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103 Introduction to 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)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A Introduction to Chicano Studies (3)
			<b>OR</b>
			CHIC 110B Introduction to Chicano Studies (3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>ENV S&amp;P 10</b>	<b>not open for credit to students who have completed ENV S&amp;P 1</b>		
HISTORY 7A	Latin America to 1700	(4)	HIST 115A History of the Americas I (3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 115B History of the Americas II (3)
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 109	History of the United States I	(3)
LINGUIS 1	Intro Linguistics	(4)	ENGL 202	Introduction to Linguistics	(3)

END OF MAJOR

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

**IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:**

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

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END OF MAJOR

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

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

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

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

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to	(3)

					Organic and Biological Chemistry	
				CHEM 130L	Introduction to	(1)
					Organic and Biological Chemistry Laboratory	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<u>&amp;</u>	Introduction to	(3)
					Organic and Biological Chemistry Laboratory	
				CHEM 130L	Introduction to	(1)
					Organic and Biological Chemistry Laboratory	
					<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
					Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
					Laboratory	(2)
				CHEM 233	<u>&amp;</u>	Organic Chemistry II - Lecture
						(3)
				CHEM 233L	<u>&amp;</u>	Organic Chemistry II Laboratory
						(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<u>&amp;</u>	Organic Chemistry II - Lecture	(3)
					Laboratory	(2)

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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			
					<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic Geometry II	(4)

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PHYSICS 7A	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
					General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
					General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
					General Physics II	(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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**END OF MAJOR**

**====Nutrition Science B.S.====**

**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A & BIOL 210B	Introduction to the Biological Sciences I Introduction to the Biological Sciences II	(4) (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200 & CHEM 200L	General Chemistry I - Lecture General Chemistry I - Laboratory	(3) (2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & CHEM 200L & CHEM 201 & CHEM 201L	General Chemistry I - Lecture General Chemistry I - Laboratory General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2) (3) (2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & CHEM 201L	General Chemistry II - Lecture General Chemistry II - Laboratory	(3) (2)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(3) (1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & CHEM 130L	Introduction to Organic and Biological Chemistry Introduction to Organic and Biological Chemistry Laboratory	(3) (1)
<hr/>					
<b>OR</b>			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 & CHEM 231L	Organic Chemistry I - Lecture Organic Chemistry I - Laboratory	(3) (2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & CHEM 231L	Organic Chemistry I - Lecture Organic Chemistry I - Laboratory	(3) (2)



							Laboratory	
				CHEM 233	&		Organic Chemistry II	(3)
							- Lecture	
				CHEM 233L			Organic Chemistry II	(2)
							Laboratory	
							<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)		CHEM 231			Organic Chemistry I -	(3)
							Lecture	
CHEM 128B	Organic Chemistry	(3)		CHEM 231	&		Organic Chemistry I -	(3)
							Lecture	
				CHEM 233			Organic Chemistry II -	(3)
							Lecture	
CHEM 129A	Organic Chem Lab	(2)		CHEM 231L			Organic Chemistry I	(2)
							Laboratory	

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NUTR 10	Discoveries and Concepts	(3)	NUTR 150	Nutrition	(3)
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PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
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						<b>OR</b>		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE					

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

**NUTRITIONAL BIOLOGY OPTION:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
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						<b>OR</b>		
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)			

						<b>OR</b>		
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)			

						<b>OR</b>		
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)			

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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
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MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
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PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
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**NUTRITION IN PUBLIC HEALTH OPTION:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
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						<b>OR</b>		
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)			

						<b>OR</b>		
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)			

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ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
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ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)
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PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
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**LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:**

Agricultural and Health Policy Area:

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

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Cultural Diversity and Community Change Area:

AMR STD 55 Food in Amer Culture (4) | NO COURSE ARTICULATED: College has not  
Same as: FD S&T 55 | submitted course(s) for articulation

CM&RGDE 2 Ethnicity Amer Comm (4) | NO COMPARABLE COURSE

INT AG 10 Intro Intl Ag (4) | NO COMPARABLE COURSE  
Development |

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Natural and Applied Sciences Area:

CM&RGDE 20 Food Systems (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation

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

SCI&SOC 2 Feeding the Planet (3) | NO COMPARABLE COURSE

**END OF MAJOR**

**====Pharmaceutical Chemistry B.S.====**

**Special Advising Note:**

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

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

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**Special Advising Note for future applicants:\***

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

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

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

-Chemistry 2A/B/C or Chemistry 2AH/BH/CH

-Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C

-Mathematics 21A/B/C/D

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

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

\*Information for future applicants is subject to change

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L &	General Chemistry I - (2) Laboratory
			CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201 &	General Chemistry II (3) - Lecture
			CHEM 201L	General Chemistry II (2) - Laboratory
	<b>OR</b>			<b>OR</b>
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 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and	(5)
				Magnetism	
			PHYS 197	Waves, Optics and	(5)
				Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and	(5)
				Magnetism	

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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of	(3)
				Applied Calculus I	
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of	(3)
				Calculus II	
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of	(3)
				Calculus II	

	<b>OR</b>			<b>OR</b>	
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	

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic	(5)
				Geometry I	
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic	(4)
				Geometry II	
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic	(4)
				Geometry III	

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the	(4)
				Biological Sciences I	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the	(4)
				Biological Sciences I	
			BIOL 210B	Introduction to the	(4)
				Biological Sciences	
				II	
	<b>OR</b>			<b>OR</b>	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the	(4)
				Biological Sciences	
				II	

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STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science	(3)
				Statistics	
	<b>OR</b>			<b>OR</b>	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
			CHEM 231L		Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
			CHEM 231L	<b>&amp;</b>	Organic Chemistry I (2) Laboratory
			CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<b>&amp;</b>	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
	<b>OR</b>				<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM 231		Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231	<b>&amp;</b>	Organic Chemistry I - (3) Lecture
			CHEM 233		Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233		Organic Chemistry II - (3) Lecture
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L		Organic Chemistry I (2) Laboratory
CHEM 129B	Organic Chem Lab	(2)	CHEM 231L	<b>&amp;</b>	Organic Chemistry I (2) Laboratory
			CHEM 233L		Organic Chemistry II (2) Laboratory
CHEM 129C	Organic Chem Lab	(2)	CHEM 233L		Organic Chemistry II (2) Laboratory

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**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](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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

**GENERAL EMPHASIS:**

PHILOS 12 Intro to Symbol Logic (4) | PHIL 101 Symbolic Logic (3)

**AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS**

**a. GENERAL PHILOSOPHY**

d) PHILOS 1	Intro to Philos	(4)	PHIL 102A	Introduction to Philosophy: Reality and Knowledge	(3)
			<u>OR</u>		
			PHIL 103	Historical Introduction to Philosophy	(3)
			<u>OR</u>		
			PHIL 104B	History of Western Philosophy	(3)
			<u>OR</u>		
			PHIL 108	Perspectives on Human Nature and Society	(3)

**b. ANCIENT PHILOSOPHY**

PHILOS 21	Phil Classics: Ancient	(4)	PHIL 104A	History of Western Philosophy	(3)
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**c. EARLY MODERN PHILOSOPHY**

PHILOS 22	Phil Classics: Modern	(4)	PHIL 104B	History of Western Philosophy	(3)
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**d. PHILOSOPHY OF MIND**

PHILOS 13G	Minds, Brains Comp	(4)	NO COURSE ARTICULATED:	College has not	
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w/Disc

|submitted course(s)for articulation

**e. ETHICS:**

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to	(3)
				Philosophy: Values	
	<b>OR</b>			<b>OR</b>	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social	(3)
				Philosophy	

**f. PHILOSOPHY OF SCIENCE**

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
PHILOS 31	Scientific Reason	(4)	PHIL 112	Philosophy of Science	(3)
	<b>OR</b>			<b>OR</b>	
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		

**g. PHILOSOPHY OF LANGUAGE**

PHILOS 17	Language, Thought & World	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		

**PRE-LAW EMPHASIS**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to	(3)
				Philosophy: Values	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 16	Phil Foundations of Amer Democ	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s)for articulation		

**ALL OF THE FOLLOWING COURSES:**

PHILOS 5	Critical Reasoning	(4)	PHIL 100	Logic and Critical	(3)
				Thinking	
PHILOS 12	Intro to Symbol Logic	(4)	PHIL 101	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social	(3)
				Philosophy	

**PRE-MED EMPHASIS:**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social	(3)
				Philosophy	
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)	PHIL 112	Philosophy of Science	(3)
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		

**ALL OF THE FOLLOWING COURSES:**

PHILOS 12	Intro to Symbol Logic	(4)	PHIL 101	Symbolic Logic	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		

END OF MAJOR

d) Students who complete PHIL 104B at San Diego Mesa College will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through academic year 16-17. As of fall 2017, they will receive credit for PHILOS 22.

**====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.

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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



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

**College Foreign Language Requirement Note:**

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 197	Waves, Optics and Modern Physics	(5)
	<b>OR</b>			<b>OR</b>	
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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)
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.

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**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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 197	Waves, Optics and Modern Physics	(5)
	<b>OR</b>			<b>OR</b>	
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 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 255	Differential Equations	(3)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE	ARTICULATED	
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED	

**ASTROPHYSICS EMPHASIS**

Preparatory subject matter for the **B.S. Astrophysics Emphasis** is the same as that listed above. In addition, the following course is **RECOMMENDED** but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophysics	(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.

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and	(1)

CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<u>&amp;</u>	Biological Chemistry Laboratory Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
<hr/>						
STATIST 13	Elementary Statistics	(4)	BIOL 200		Biological Statistics	(3)
	Same as: STATIST 13Y			<u>OR</u>		
			MATH 119		Elementary Statistics	(3)
				<u>OR</u>		
			PSYC 258		Behavioral Science Statistics	(3)
<hr/>						

**RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5)	CHEM 201	<u>&amp;</u>	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)
<hr/>						

**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.

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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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)		BIOL 210B	Introduction to the Biological Sciences	(4)

of Life			II		
CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - (3) Lecture
			CHEM 200L		General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - (3) Lecture
			CHEM 200L	&	General Chemistry I - (2) Laboratory
			CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	General Chemistry II (3) - Lecture
			CHEM 201L		General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	&	Introduction to (3) Organic and Biological Chemistry
			CHEM 130L		Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	&	Introduction to (3) Organic and Biological Chemistry
			CHEM 130L		Introduction to (1) Organic and Biological Chemistry Laboratory
	<b>OR</b>				<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I - (3) Lecture
			CHEM 231L		Organic Chemistry I (2) Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	&	Organic Chemistry I - (3) Lecture
			CHEM 231L	&	Organic Chemistry I (2) Laboratory
			CHEM 233	&	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	&	Organic Chemistry II (3) - Lecture
			CHEM 233L		Organic Chemistry II (2) Laboratory
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
	<b>OR</b>				<b>OR</b>
MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic (4) Geometry II



PHYSICS 7A	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(5)
PHYSICS 7C	General Physics	(4)		PHYS 125 &	General Physics	(5)
				PHYS 126	General Physics II	(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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**RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic Geometry III	(4)

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**END OF MAJOR**

**====Plant Sciences B.S.====**

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL 210A &	Introduction to the Biological Sciences I	(4)
				BIOL 210B	Introduction to the Biological Sciences II	(4)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200 &	General Chemistry I - Lecture	(3)
				CHEM 200L &	General Chemistry I - Laboratory	(2)
				CHEM 201 &	General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II	(2)

CHEM 2C	Genl Chemistry	(5)	CHEM 201	<u>&amp;</u>	- Laboratory General Chemistry II	(3)
			CHEM 201L		- Lecture General Chemistry II	(2)
					- Laboratory	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130	<u>&amp;</u>	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L		Introduction to Organic and Biological Chemistry Laboratory	(1)
					<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
			CHEM 231L		Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	<u>&amp;</u>	Organic Chemistry I - Lecture	(3)
			CHEM 231L	<u>&amp;</u>	Organic Chemistry I Laboratory	(2)
			CHEM 233	<u>&amp;</u>	Organic Chemistry II - Lecture	(3)
			CHEM 233L		Organic Chemistry II Laboratory	(2)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 233	<u>&amp;</u>	Organic Chemistry II - Lecture	(3)
			CHEM 233L		Organic Chemistry II Laboratory	(2)
MATH 16A	Short Calculus	(3)	MATH 121		Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122		Basic Techniques of Calculus II	(3)
					<b>OR</b>	
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			
					<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	<u>&amp;</u>	General Physics	(5)
			PHYS 126		General Physics II	(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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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	

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**COURSES FOR THE CROP PRODUCTION OPTION:**

ECON 1A	Princ of Microecon	(4)		ECON 121	Principles of	(3)
					Microeconomics	
	OR			OR		
AGRESEC 15	Pop, Envr, World Agri	(4)		NO COMPARABLE COURSE		

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

available from our TAG website.

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POL SCI 1	Amer Natl Govt	(4)		POLI 102	The American Political (3) System
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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 2	Intro Comp Politics	(4)		POLI 103	Comparative Politics (3)
POL SCI 3	Internatl Relations	(4)		POLI 140	Contemporary (3) International Politics
POL SCI 4	Bas Cnpt/Pol Thry	(4)		NO COMPARABLE COURSE	
POL SCI 5	Probs/Am Pol Sys	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE	

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

POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y   submitted course(s) for articulation SOCIOL 12Y	
STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics (3)
Same as: STATIST 13Y				<u>OR</u>	
				MATH 119	Elementary Statistics (3)
				<u>OR</u>	
				PSYC 258	Behavioral Science (3) Statistics
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](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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

**THREE COURSES FROM THE FOLLOWING:**

POL SCI 1	Amer Natl Govt	(4)	POLI 102	The American Political System	(3)
POL SCI 2	Intro Comp Politics	(4)	POLI 103	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLI 140	Contemporary International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

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

POL SCI 1	Amer Natl Govt	(4)	POLI 102	The American Political System	(3)
POL SCI 2	Intro Comp Politics	(4)	POLI 103	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLI 140	Contemporary International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
POL SCI 5	Probs/Am Pol Sys	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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**

BIOL 200	Biological Statistics	(3)		
<b>OR</b>				
MATH 119	Elementary Statistics	(3)		
<b>OR</b>				
PSYC 258	Behavioral Science	(3)		

OR  
STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE  
END OF MAJOR

Statistics  
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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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PSYCH 1	General Psychology	(4)		PSYC 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSYC 255	Introduction to Psychological Research	(3)

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STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 119	Elementary Statistics	(3)
				<u>OR</u>		
				PSYC 258	Behavioral Science Statistics	(3)

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
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**OR A COMBINATION OF**

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BIOLSCI 10	Everyday Biology	(4)		BIOL 107	General Biology - Lecture and Laboratory	(4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)		ANTH 102	Introduction to Physical Anthropology	(3)
	<b>OR</b>			<b>OR</b>		
MOL&CB 10	Intro Human Heredity	(4)		BIOL 130	Human Heredity	(3)
	<b>OR</b>			<b>OR</b>		
NE PH B 10	Elem Human Physio	(3)		BIOL 235	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](http://ucdavis.edu/transfer-admission). 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 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYC 255	Introduction to Psychological Research	(3)
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STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)

MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 100	Introductory Physics	(4)
	<b>OR</b>			<b>OR</b>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125 &	General Physics	(5)
			PHYS 126	General Physics II	(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 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - Lecture	(3)
			CHEM 200L &	General Chemistry I - Laboratory	(2)
			CHEM 201 &	General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)

				Lecture	
			CHEM 231L	<u>&amp;</u> Organic Chemistry I	(2)
				Laboratory	
			CHEM 233	<u>&amp;</u> Organic Chemistry II	(3)
				- Lecture	
			CHEM 233L	Organic Chemistry II	(2)
				Laboratory	
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I -	(3)
				Lecture	
CHEM 128B	Organic Chemistry	(3)	CHEM 231	<u>&amp;</u> Organic Chemistry I -	(3)
				Lecture	
			CHEM 233	Organic Chemistry II -	(3)
				Lecture	

**END OF MAJOR**

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

**Special Advising Note:**

**REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

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

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

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

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

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

PSYCH 1	General Psychology	(4)		PSYC 101	General Psychology	(3)
PSYCH 41	Research Methods	(4)		PSYC 255	Introduction to Psychological Research	(3)
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STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y			<u>OR</u>		
				MATH 119	Elementary Statistics	(3)
				<u>OR</u>		
				PSYC 258	Behavioral Science Statistics	(3)
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MATH 21A	Calculus	(4)		MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)		MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 252	Calculus with Analytic Geometry III	(4)
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ENG CS 36A	Programming	(4)		CISC 190	JAVA Programming	(4)
	Formerly ENG CS 30			<u>OR</u>		
				CISC 192	C/C++ Programming	(4)
				<u>OR</u>		
ENG CS 32A	Intro to Programming	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly ENG CS 10					

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

CHEM 10	Concept of Chem	(4)	CHEM 100	Fundamentals of Chemistry	(3)
	<b>OR</b>			<b>OR</b>	
CHEM 2A	Genl Chemistry	(5)	CHEM 200	& General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	& General Chemistry I - Lecture	(3)
			CHEM 200L	& General Chemistry I - Laboratory	(2)
			CHEM 201	& General Chemistry II - Lecture	(3)
			CHEM 201L	General Chemistry II - Laboratory	(2)
	<b>OR</b>			<b>OR</b>	
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 100	Introductory Physics	(4)
	<b>OR</b>			<b>OR</b>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS 125	& General Physics	(5)
			PHYS 126	General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	& General Physics	(5)
			PHYS 126	General Physics II	(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 210A	Introduction to the Biological Sciences I	(4)
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**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General Biology - Lecture and Laboratory	(4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	ANTH 102	Introduction to Physical Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
MOL&CB 10	Intro Human Heredity	(4)	BIOL 130	Human Heredity	(3)
	<b>OR</b>			<b>OR</b>	
NE PH B 10	Elem Human Physio	(3)	BIOL 235	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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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**ONE COURSE FROM THE FOLLOWING:**

REL STD 1	Survey of Religion	(4)	HUMA 106	World Religions	(3)
REL STD 1A	Pilgrimage	(4)	NO COMPARABLE COURSE		
REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE		
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE		
REL STD 1D	Conversion	(4)	NO 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

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**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)	HUMA 104 Introduction to the Old Testament (3)
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)	HUMA 103 Introduction to the New Testament (3)
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.

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**Transfer Admission Guarantee (TAG) Note:**



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

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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.

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

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

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

RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	PHIL 112 Philosophy of Science (3)
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		

**4 quarter units of lower-division science courses from the Approved Science**

**Electives list.** To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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SOCIOL 1	Intro Sociology	(5)		SOCO 101	Principles of Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology	(3)
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 5	Global Soc Change	(4)	SOCO 223	Globalization and Social Change	(3)
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	

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HIST 105 &	Introduction to Western Civilization I	(3)
			HIST 106	Introduction to Western Civilization II	(3)
HISTORY 4C	Western Civ	(4)	HIST 106	Introduction to Western Civilization II	(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)	HIST 115A	History of the Americas I	(3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 115B	History of the Americas II	(3)
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 101	World History II	(3)
			<b>OR</b>		
			HIST 105	Introduction to Western Civilization I	(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 109	History of the United States I	(3)
HISTORY 17B	U.S. History	(4)	HIST 110	History of the United States II	(3)

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**ONE COURSE FROM THE FOLLOWING:**

PHILOS 5	Critical Reasoning	(4)	PHIL 100	Logic and Critical Thinking	(3)
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PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 102B	Introduction to	(3)
					Philosophy: Values	
PHILOS 24	Intro to Ethics	(4)		PHIL 109	Issues in Social	(3)
					Philosophy	

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**END OF MAJOR**

**====Sociology A.B. (Comparative Studies and World Development)====  
Special Advising Note:**

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

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB** examination credit policies 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)		SOCO 101	Principles of	(3)
					Sociology	
SOCIOL 5	Global Soc Change	(4)		SOCO 223	Globalization and	(3)
					Social Change	

SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
	<b>AND</b>			<b>AND</b>
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics (3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology (3)
	<b>OR</b>			<b>OR</b>
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 101	World History II (3)
			<b>OR</b>	
			HIST 105	Introduction to Western Civilization I (3)
	<b>OR</b>			<b>OR</b>
POL SCI 2	Intro Comp Politics	(4)	POLI 103	Comparative Politics (3)

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

END OF MAJOR

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

**Special Advising Note:**

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

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

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SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)
	<b>OR</b>		<b>OR</b>		
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>		<b>OR</b>		
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		
	<b>AND</b>		<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

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**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLI 102	The American Political System	(3)
POL SCI 3	Internatl Relations	(4)	POLI 140	Contemporary International Politics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

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**4 QUARTER UNITS FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	HIST 105 &	Introduction to Western Civilization I	(3)
			HIST 106	Introduction to Western Civilization II	(3)
HISTORY 4C	Western Civ	(4)	HIST 106	Introduction to Western Civilization II	(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)	HIST 115A	History of the Americas I	(3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 115B	History of the Americas II	(3)
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		

HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	HIST 101	World History II (3)
			<b>OR</b>	
			HIST 105	Introduction to Western Civilization I (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 109	History of the United States I (3)
HISTORY 17B	U.S. History	(4)	HIST 110	History of the United States II (3)
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PHILOS 5	Critical Reasoning	(4)	PHIL 100	Logic and Critical Thinking (3)
			<b>OR</b>	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to Philosophy: Values (3)
			<b>OR</b>	
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social Philosophy (3)
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**END OF MAJOR**

**====Sociology A.B. (Social Services)====**

**Special Advising Note:**

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

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

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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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SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	<b>AND</b>		<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)

**6-8 QUARTER UNITS FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	CHIC 110A	Introduction to Chicano Studies	(3)
			<b>OR</b>		
			CHIC 110B	Introduction to Chicano Studies	(3)
CHICANO 50	Chicano Culture	(4)	CHIC 135	Chicana/o Literature	(3)
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnnty	(4)	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 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		

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**END OF MAJOR**

**====Sociology-Organizational Studies A.B.====**

**Special Advising Note:**

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fall enrollment. In order to receive priority consideration it 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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**Transfer Admission Guarantee (TAG) Note:**

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**College Foreign Language Requirement Note:**

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

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

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SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
	<b>AND</b>			<b>AND</b>	
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
SOCIOL 5	Global Soc Change	(4)	SOCO 223	Globalization and Social Change	(3)
	<b>OR</b>			<b>OR</b>	
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		
	<b>AND</b>			<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
	<b>AND</b>			<b>AND</b>	
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of	(3)

END OF MAJOR

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

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

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**College Foreign Language Requirement Note:**

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SPANISH 1	Elementary Spanish	(5)	SPAN 101	First Course in Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & SPAN 102	First Course in Spanish Second Course in Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Second Course in Spanish	(5)

SPANISH 21	Intm Spanish	(5)		SPAN 102 &	Second Course in Spanish	(5)
				SPAN 201	Third Course in Spanish	(5)
				<u>OR</u>		
				SPAN 201 &	Third Course in Spanish	(5)
				SPAN 202	Fourth Course in Spanish	(5)
SPANISH 22	Intm Spanish	(5)		SPAN 102 &	Second Course in Spanish	(5)
				SPAN 201 &	Third Course in Spanish	(5)
				SPAN 201 &	Third Course in Spanish	(5)
				SPAN 202	Fourth Course in Spanish	(5)
SPANISH 23	Span Comp I	(4)		NO COMPARABLE COURSE		
SPANISH 24	Span Comp II	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		SPAN 215	Spanish for Spanish Speakers I	(5)
SPANISH 33	Int Span Nat Spk III	(5)		SPAN 216	Spanish for Spanish Speakers II	(5)

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

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LINGUIS 1	Intro Linguistics	(4)		ENGL 202	Introduction to Linguistics	(3)
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END OF MAJOR

====Statistics A.B.====

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)
ENG CS 32A	Intro to Programming	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	Formerly ENG CS 10				
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming	(4)
	Formerly ENG CS 30		<b>OR</b>		
	<b>OR</b>		CISC 192	C/C++ Programming	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 40				

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

deficiencies.

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STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE  
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**END OF MAJOR**

**====Statistics B.S. (Applied Statistics Option)====**

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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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.

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MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
MATH 16C	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
	<b>OR</b>			<b>OR</b>	
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	

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

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra

ENG CS 36C	Data Structures Formerly ENG CS 60	(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.**

**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	BIOL 200 Biological Statistics (3) <b>OR</b>
Same as: STATIST 13Y			MATH 119 Elementary Statistics (3) <b>OR</b>
			PSYC 258 Behavioral Science (3) Statistics
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 150	Calculus with Analytic (5) Geometry I
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic (4) Geometry II
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic (4) Geometry III
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear (3) Algebra
	<b>OR</b>			<b>OR</b>
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CISC 190	JAVA Programming (4)
			<b>OR</b>	

			CISC 192	C/C++ Programming	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 40				

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

**AND ONE COURSE FROM**

STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science	(3)
				Statistics	
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

**====Statistics B.S. (Statistical Data Science Track)====**

**Special Advising Note:**

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

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

**Transfer Admission Guarantee (TAG) Note:**

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 150	Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151	Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252	Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254	Introduction to Linear Algebra	(3)

ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)	CISC 190	JAVA Programming	(4)
OR			OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	NO COMPARABLE COURSE		

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
OR			OR		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	BIOL 200	Biological Statistics	(3)
OR			OR		
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.

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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.

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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OR

OR

PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**Select one of the following courses:**

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

OR

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

**TRACK I: AGRICULTURE AND ECOLOGY**

MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
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MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
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CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
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CHEM 200L	&	General Chemistry I - Laboratory	(2)
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CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
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CHEM 200L	&	General Chemistry I - Laboratory	(2)
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CHEM 201	&	General Chemistry II - Lecture	(3)
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CHEM 201L	&	General Chemistry II - Laboratory	(2)
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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A	&	Introduction to the Biological Sciences I	(4)
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			BIOL 210B	Introduction to the Biological Sciences II	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
	OR		OR		
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE		
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to Philosophy: Values	(3)
	OR		OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social Philosophy	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	OR		OR		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)
<b>TRACK II: FOOD AND SOCIETY</b>					
PHILOS 5	Critical Reasoning	(4)	PHIL 100	Logic and Critical Thinking	(3)
	OR		OR		
PHILOS 31	Scientific Reason	(4)	PHIL 112	Philosophy of Science	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to Philosophy: Values	(3)
	OR		OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR		OR		
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social Philosophy	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR		OR		
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 119	Elementary Statistics	(3)
			<u>OR</u>		
			PSYC 258	Behavioral Science Statistics	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
			CHEM 200L	General Chemistry I -	(2)

			Laboratory		
BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General Biology - Lecture and Laboratory	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
	<b>OR</b>			<b>OR</b>	
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: ENV SC&M 30				
	<b>OR</b>			<b>OR</b>	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
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 121	Principles of Microeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
<b>TRACK III: ECONOMICS AND POLICY</b>					
MATH 16A	Short Calculus	(3)	MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)	MATH 122	Basic Techniques of Calculus II	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics	(3)
	Same as: STATIST 13Y		<b>OR</b>		
			MATH 119	Elementary Statistics	(3)
			<b>OR</b>		
			PSYC 258	Behavioral Science Statistics	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 200 &	General Chemistry I - (3) Lecture
			CHEM 200L	General Chemistry I - (2) Laboratory
BIOLSCI 10	Everyday Biology	(4)	BIOL 107	General Biology - (4) Lecture and Laboratory
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the (4) Biological Sciences I
			BIOL 210B	Introduction to the (4) Biological Sciences II
				OR
ENV S&P 1	Env Analysis	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
				OR
ENV S&P 30	Global Ecosystem	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ENV SC&M 30			OR
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
				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 121	Principles of (3) Microeconomics
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of (3) Macroeconomics
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to (3) Cultural Anthropology
				OR
SOCIOL 1	Intro Sociology	(5)	SOCO 101	Principles of (3) Sociology
				OR
SOCIOL 3	Social Problems	(4)	SOCO 110	Contemporary Social (3) Problems
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 102B	Introduction to (3) Philosophy: Values
				OR
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE	
				OR
PHILOS 24	Intro to Ethics	(4)	PHIL 109	Issues in Social (3) Philosophy

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:



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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 48	Style in the Essay	(4)	ENGL 207	The Art of the Sentence	(3)
	Formerly UWRITING 18				
	<b>OR</b>			<b>OR</b>	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)

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**ALL OF THE FOLLOWING COURSES:**

LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 21	Landscape Rep I	(4)	NO COMPARABLE COURSE		
	Formerly Design Visualization				
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE		

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**AND ONE COURSE IN A PHYSICAL SCIENCE**

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

**IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:**

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

**Special Advising Note:**

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

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

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
B) ENG CS 15	Intro to Computers	(4)	CISC 181	Principles of Information Systems	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming	(4)
Formerly ENG CS 30			<b>OR</b>		
			CISC 192	C/C++ Programming	(4)

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

ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics	(3)

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**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology	(3)
	<b>OR</b>			<b>OR</b>	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110	Art History: Prehistoric to Gothic	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 &	Art History: Prehistoric to Gothic	(3)
	<b>OR</b>		ARTF 111	Art History: Renaissance to Modern	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History: Renaissance to Modern	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1D	Arts of Asia	(4)	ARTF 125	Art History: Arts of the Asian Continent	(3)

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**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 100	Introductory Physics	(4)
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology	(3)
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology	(3)

STATIST 13	Elementary Statistics	(4)		BIOL 200	Biological Statistics	(3)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 119	Elementary Statistics	(3)
				<u>OR</u>		
				PSYC 258	Behavioral Science	(3)
					Statistics	

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TEX&CL 6	Intro Textiles	(4)		NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)		NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE		

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MGMT 11A	Elem Accounting	(4)		ACCT 116A	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)		ACCT 116B	Managerial Accounting	(4)

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CHEM 10	Concept of Chem	(4)		CHEM 100	Fundamentals of	(3)
					Chemistry	
	<u>OR</u>				<u>OR</u>	
CHEM 2A	Genl Chemistry	(5)		CHEM 200	& General Chemistry I -	(3)
					Lecture	
				CHEM 200L	General Chemistry I -	(2)
					Laboratory	

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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of	(3)
					Applied Calculus I	
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of	(3)
					Calculus II	

**RESTRICTED ELECTIVES (12 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)		BUSE 140	Business Law and the	(3)
					Legal Environment	
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)		MATH 122	Basic Techniques of	(3)
					Calculus II	

**Foreign language units may be used to satisfy any or all of the required 12 units.**

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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.**

====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.**

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**Special Advising Note:**

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

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

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

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG 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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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

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

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	<b>OR</b>			
B) ENG CS 15	Intro to Computers	(4)	CISC 181	Principles of Information Systems (4)
	<b>OR</b>			
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming (4)
Formerly ENG CS 30			<b>OR</b>	
			CISC 192	C/C++ Programming (4)

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

ECON 1A	Princ of Microecon	(4)	ECON 121	Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 120	Principles of Macroeconomics (3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(5)	ANTH 103	Introduction to Cultural Anthropology (3)
	<b>OR</b>			
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE	
	<b>OR</b>			
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTF 110	Art History: Prehistoric to Gothic (3)
	<b>OR</b>			
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTF 110 &	Art History: Prehistoric to Gothic (3)
			ARTF 111	Art History: Renaissance to Modern (3)
	<b>OR</b>			
ARTHI 1C	Baroque to Modern Art	(4)	ARTF 111	Art History: Renaissance to Modern (3)
	<b>OR</b>			
ARTHI 1D	Arts of Asia	(4)	ARTF 125	Art History: Arts of the Asian Continent (3)

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	<b>OR</b>			
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 100	Introductory Physics (4)
PSYCH 1	General Psychology	(4)	PSYC 101	General Psychology (3)
SOCIOL 2	Self and Society	(4)	PSYC 166	Introduction to Social Psychology (3)
STATIST 13	Elementary Statistics	(4)	BIOL 200	Biological Statistics (3)
Same as: STATIST 13Y			<b>OR</b>	
			MATH 119	Elementary Statistics (3)
			<b>OR</b>	
			PSYC 258	Behavioral Science (3)

Statistics

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L General Chemistry I - (2) Laboratory
CHEM 2B	Genl Chemistry	(5)	CHEM 200 & General Chemistry I - (3) Lecture CHEM 200L & General Chemistry I - (2) Laboratory CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130 & Introduction to (3) Organic and Biological Chemistry CHEM 130L Introduction to (1) Organic and Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 & Introduction to (3) Organic and Biological Chemistry CHEM 130L Introduction to (1) Organic and Biological Chemistry Laboratory
MATH 16A	Short Calculus	(3)	MATH 121 Basic Techniques of (3) Applied Calculus I

**RESTRICTED ELECTIVES (16 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	BUSE 140 Business Law and the (3) Legal Environment
CHEM 2C	Genl Chemistry	(5)	CHEM 201 & General Chemistry II (3) - Lecture CHEM 201L General Chemistry II (2) - Laboratory
CHEM 128A	Organic Chemistry	(3)	CHEM 231 Organic Chemistry I - (3) Lecture
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I - (3) Lecture CHEM 233 Organic Chemistry II - (3) Lecture
CHEM 128C	Organic Chemistry	(3)	CHEM 233 Organic Chemistry II - (3) Lecture
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
MGMT 11A	Elem Accounting	(4)	ACCT 116A Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)	ACCT 116B Managerial Accounting (4)
MATH 16B	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
MATH 16C	Short Calculus	(3)	MATH 122 Basic Techniques of (3) Calculus II
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE

**Foreign language units may be used to satisfy any or all of the required 16 units.**



END OF MAJOR

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

====Theatre and Dance A.B.====

**Special Advising Note:**

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

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

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

available from our TAG website.

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**NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.**  
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**ONE COURSE FROM THE FOLLOWING:**

DRAMART 21A	Fundamentals of Act	(4)	NO COMPARABLE COURSE
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**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

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**END OF MAJOR**

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

**Special Advising Note:**

**REQUIREMENTS FOR ADMISSION:**  
(for 2019-20)

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

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

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

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

Organic Chemistry 8B  
Mathematics 16B  
Plant Sciences 2

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

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

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL 210A	Introduction to the Biological Sciences I	(4)
	<b>OR</b>				<b>OR</b>	
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
				CHEM 200L	General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)		CHEM 200	<b>&amp;</b> General Chemistry I - Lecture	(3)
				CHEM 200L	<b>&amp;</b> General Chemistry I - Laboratory	(2)
				CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)		CHEM 201	<b>&amp;</b> General Chemistry II - Lecture	(3)
				CHEM 201L	General Chemistry II - Laboratory	(2)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 130	<b>&amp;</b> Introduction to Organic and Biological Chemistry	(3)
				CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
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PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		

**OR EQUIVALENT AND advisor APPROVAL**

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MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of Applied Calculus I	(3)
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of	(3)

| Calculus II

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
	<b>AND</b>		<b>AND</b>
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYS 125 & General Physics (5)
			PHYS 126 General Physics II (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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VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

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

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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.

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

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

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

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

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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.

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UWRITING 1	Expository Writing	(4)	ENGL 101	Reading and Composition	(3)
	<b>AND</b>			<b>AND</b>	
COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A <b>&amp;</b>	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)

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CHEM 2A	Genl Chemistry	(5)	CHEM 200 <b>&amp;</b>	General Chemistry I -	(3)
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					Lecture	
				CHEM 200L	General Chemistry I - (2)	Laboratory
CHEM 2B	Genl Chemistry	(5)		CHEM 200	& General Chemistry I - (3)	Lecture
				CHEM 200L	& General Chemistry I - (2)	Laboratory
				CHEM 201	& General Chemistry II (3)	- Lecture
				CHEM 201L	General Chemistry II (2)	- Laboratory
CHEM 8A	Organic Chem-Brief	(2)		CHEM 130	& Introduction to (3)	Organic and Biological Chemistry
				CHEM 130L	Introduction to (1)	Organic and Biological Chemistry Laboratory
CHEM 8B	Organic Chem-Brief	(4)		CHEM 130	& Introduction to (3)	Organic and Biological Chemistry
				CHEM 130L	Introduction to (1)	Organic and Biological Chemistry Laboratory
MATH 16A	Short Calculus	(3)		MATH 121	Basic Techniques of (3)	Applied Calculus I
MATH 16B	Short Calculus	(3)		MATH 122	Basic Techniques of (3)	Calculus II
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 201	& General Chemistry II (3)	- Lecture
				CHEM 201L	General Chemistry II (2)	- Laboratory
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 231	& Organic Chemistry I - (3)	Lecture
				CHEM 231L	Organic Chemistry I (2)	Laboratory
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 231	& Organic Chemistry I - (3)	Lecture
				CHEM 231L	& Organic Chemistry I (2)	Laboratory
				CHEM 233	& Organic Chemistry II (3)	- Lecture
				CHEM 233L	Organic Chemistry II (2)	Laboratory
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 233	& Organic Chemistry II (3)	- Lecture
				CHEM 233L	Organic Chemistry II (2)	Laboratory

PHYSICS 7A	General Physics	(4)	PHYS 125	&	Laboratory General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7B	General Physics	(4)	PHYS 125	&	General Physics	(5)
			PHYS 126		General Physics II	(5)
PHYSICS 7C	General Physics	(4)	PHYS 125	&	General Physics	(5)
			PHYS 126		General Physics II	(5)

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**END OF MAJOR**

====Worksheet UGA (ENG)====

**IMPORTANT ADVISORY REGARDING THIS WORKSHEET**

**This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.**

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)	MATH 150		Calculus with Analytic Geometry I	(5)
MATH 21B	Calculus	(4)	MATH 151		Calculus with Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 252		Calculus with Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 252		Calculus with Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 254		Introduction to Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 255		Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L		General Chemistry I - Laboratory	(2)
CHEM 2B	Genl Chemistry	(5)	CHEM 200	&	General Chemistry I - Lecture	(3)
			CHEM 200L	&	General Chemistry I - Laboratory	(2)
			CHEM 201	&	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)
CHEM 2C	Genl Chemistry	(5)	CHEM 201	&	General Chemistry II - Lecture	(3)
			CHEM 201L		General Chemistry II - Laboratory	(2)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 130	&	Introduction to Organic and Biological Chemistry	(3)



			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 130 &	Introduction to Organic and Biological Chemistry	(3)
			CHEM 130L	Introduction to Organic and Biological Chemistry Laboratory	(1)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L	Organic Chemistry I Laboratory	(2)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 231L &	Organic Chemistry I Laboratory	(2)
			CHEM 233 &	Organic Chemistry II - Lecture	(3)
			CHEM 233L	Organic Chemistry II Laboratory	(2)
CHEM 128A	Organic Chemistry	(3)	CHEM 231	Organic Chemistry I - Lecture	(3)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 &	Organic Chemistry I - Lecture	(3)
			CHEM 233	Organic Chemistry II - Lecture	(3)
CHEM 129A	Organic Chem Lab	(2)	CHEM 231L	Organic Chemistry I Laboratory	(2)
PHYSICS 9A	Classical Physics	(5)	PHYS 195	Mechanics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 196 &	Electricity and Magnetism	(5)
			PHYS 197	Waves, Optics and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 196	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	PHYS 197	Waves, Optics and Modern Physics	(5)
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	ENGE 151	Engineering Drawing	(2)
ENGIN 6	Engr Prob Solving	(4)	NO COURSE ARTICULATED		
ENGIN 17	Circuits I	(4)	ENGE 260	Electric Circuits	(3)
ENGIN 35	Statics	(4)	ENGE 200	Statics	(3)

ENGIN 45	Prop of Mats	(4)	ENGE 210	Properties of Materials	(3)
ENG CS 20	C Sci/Discrete Math	(4)	MATH 245	Discrete Mathematics	(3)
ENG CS 36A	Programming	(4)	CISC 190	JAVA Programming	(4)
Formerly ENG CS 30			<u>OR</u>		
			CISC 192	C/C++ Programming	(4)
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
Formerly ENG CS 40					
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 36C	Data Structures	(4)	NO COMPARABLE COURSE		
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 101	Reading and Composition	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 105	Composition and Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMS 103	Oral Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 210A	Introduction to the Biological Sciences I	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 210A &	Introduction to the Biological Sciences I	(4)
			BIOL 210B	Introduction to the Biological Sciences II	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL 210B	Introduction to the Biological Sciences II	(4)
i) GEOLOGY 50	Physical Geology	(3)	GEOL 100	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

i) If a student takes GEOL 100 at San Diego Mesa College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.