

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 51	History Af-Amr Dance	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)		NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)		POLSC 10	Introduction to American Government: Institutions and Ideals	(3)
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH 11	General Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	HIST 46 History and Culture of (3) Native Americans in North America (from Pre-European Contact through 1838)
			OR
			HIST 47 History and Cultures of (3) Native Americans in North America
N A STD 10	NA Experience	(4)	HIST 46 History and Culture of (3) Native Americans in North America (from Pre-European Contact through 1838)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 2	Contemp Issues of Asian Americans	(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

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 29 The American World (3) Until 1865
HISTORY 17B	U.S. History	(4)	HIST 30 The American World From (3) 1865

4 QUARTER UNITS FROM THE FOLLOWING:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1

as part of their English Composition requirement.

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

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

HISTORY 17A	U.S. History	(4)	HIST 29	The American World Until 1865	(3)
OR					
POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)

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

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

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

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		
AND			AND		
ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
OR			OR		
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)

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

b) ENV S&P 10	Current Issues in Environment	(3)	BIOSC 7	Ecology and the Environment	(4)
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ENV S&P 10 not open for credit to students who have completed ENV S&P 1

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

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

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)

GEOLOGY 1	The Earth	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 20	California Geology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			<u>OR</u>		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)

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

END OF MAJOR

b) If a student take BIOSC 7 at Los Medanos College, credit will be given at UC Davis for either ENV SC&M 30, or ENV S&P 10, or ENV S&P 30.

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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College Foreign Language Requirement Note:

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

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

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

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
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AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
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AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
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AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
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AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
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AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture Same as: FD S&T 55	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	MUSIC 12 Popular Music in American Culture (3)

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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	HIST 46 History and Culture of Native Americans in North America (from Pre-European Contact through 1838) (3)
			OR
			HIST 47 History and Cultures of Native Americans in North America (3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 Cultural Anthropology (3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)	HIST 29 The American World Until 1865 (3)
HISTORY 17B	U.S. History	(4)	HIST 30 The American World From 1865 (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ENGLISH 3	Intro to Lit	(4)	ENGL 230 Thinking and Writing Critically about Literature (3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FILM ST 1	Intro to Film Studies	(4)	DRAMA 70 Film as an International Art Form (3)

Formerly Humanities 10

END OF MAJOR

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

Special Advising Note:

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic	(4)

MATH 21B	Calculus	(4)	MATH 60	Geometry I Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

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

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE
BIOLSCI 2A	Intro Biology:Life on	(5)		BIOSC 20 Principles of Biology: (5)

BIOLSCI 2B	Earth Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Cellular Processes Principles of Biology: (5) Organismal
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: (5) Organismal

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry (5) General College Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
B) ENG CS 15	Intro to Computers	(4)	COMSC 40	Introduction to Computers (4)

ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics (3)

MGMT 11A	Elem Accounting	(4)	BUS 186	Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)	BUS 187	Managerial Accounting (4)

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus (4)
OR			MATH 50	Calculus and Analytic Geometry I (4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II (4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II (4)
OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II (4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III (4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

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

DAIRY SPECIALIZATION

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

EQUINE SPECIALIZATION

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

LIVESTOCK SPECIALIZATION

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

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18 Business Law (4) | BUS 294 Business Law (3)

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20 Principles of Biology: (5) Cellular Processes

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry General College Chemistry	(5) (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
OR			OR		
MATH 16B	Short Calculus	(3)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 17A	Calculus for BioSci	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
OR			OR		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

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

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

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

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)		ANTHR 1	Introduction to	(3)
					Biological Anthropology	
ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHR 4	Introduction to	(3)
					Archaeology	

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical 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)		MATH 34	Introduction to	(4)
Same as: STATIST 13Y					Statistics	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

SOCIOCULTURAL EMPHASIS:

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology	(3)
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TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)		ANTHR 1	Introduction to	(3)
					Biological Anthropology	
ANTHRO 3	Intr to Archaeology	(4)		ANTHR 4	Introduction to	(3)
					Archaeology	
ANTHRO 4	Anthro Linguistics	(4)		NO COMPARABLE COURSE		

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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ANTHRO 1	Human Evol Biol	(4)		ANTHR 1	Introduction to Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)		ANTHR 4	Introduction to Archaeology	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 37 OR MATH 50	Applied Calculus Calculus and Analytic Geometry I	(4) (4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and 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 Same as: STATIST 13Y	(4)	MATH 34	Introduction to Statistics	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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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.

Recommended Language Preparation Note:

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

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

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MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
or equivalent basic knowledge of MATLAB.					
BOTH OF THE FOLLOWING COURSES:					
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
AND			AND		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		
OR SELECT THE FOLLOWING COURSE:					
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

ENG CS 32A	Intro to Programming	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 10				
ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(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.

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
	OR				OR	
CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
	OR			CHEM 26	General College Chemistry	(5)
	OR				OR	
ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics	(3)
	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
	OR				OR	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
STATIST 100	Applied Stats for Bio Sci	(4)		This course must be taken at UC Davis		

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists (4) and Engineers I
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists (4) and Engineers III
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists (4) and Engineers II
PHYSICS 9D	Modern Physics	(4)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)		NO COURSE ARTICULATED: College has not	

PHYSICS 9HD	Honors Physics	(5)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
PHYSICS 9HE	Honors Physics	(5)		submitted course(s) for articulation	
				NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic	(4)
					Geometry I	
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic	(4)
					Geometry II	
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic	(4)
					Geometry III	
MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic	(4)
					Geometry III	
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 80	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 25	General College	(5)
					Chemistry	
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College	(5)
					Chemistry	
				CHEM 26	General College	(5)
					Chemistry	
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College	(5)
					Chemistry	
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A	Programming	(4)		COMSC 44	Introduction to C++	(3)
	Formerly ENG CS 30				Programming	
				<u>OR</u>		
				COMSC 122	Programming Concepts	(3)
					& Methodologies I	
				<u>OR</u>		
				ENGIN 20	Programming with C++	(4)
					for Engineers and	
					Scientists	
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.

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)		ENGIN 45	Engineering Circuit	(3)
					Analysis	
PHYSICS 40	Intr Physics Computation	(4)		NO COURSE ARTICULATED		

PHYSICS 80 Experimental Techniques (4) | NO COURSE ARTICULATED

PHYSICAL OCEANOGRAPHY CONCENTRATION

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ARTHI 1A	Ancient Mediterranean Art (4)		ART 6	Western Art History I:	(3)
				Art of the Prehistoric	
				Ancient World (350 CE)	

ARTHI 1B	Mediev&Renaiss Art	(4)		ART 7	Western Art History II: (3) Art of the Developing World (350-1550)
ARTHI 1C	Baroque to Modern Art	(4)		NO COMPARABLE COURSE	
ARTHI 1D	Arts of Asia	(4)		NO COMPARABLE COURSE	
ARTHI 1E	Islamic Art & Architecture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)		ART 5	Visual Arts (3)
ARTHI 25	Understanding Architecture	(4)		NO COMPARABLE COURSE	

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)		ART 20	Introduction to Drawing (3)
ART 5	Beginning Sculpture	(4)		ART 11	Three-Dimensional Design (3) Concepts
				<u>OR</u>	
				ART 60	Introductory Concepts of (3) Sculpture
ART 7	Beginning Painting	(4)		ART 40	Introduction to Painting (3)
ART 8	Beginning Ceramic Sculpture	(4)		NO COMPARABLE COURSE	
ART 9	Beginning Photography	(4)		ART 72	Introduction to Digital (3) Photography
ART 11	Beginning Printmaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 12	Beginning Video	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 24	Intro Experimental Video and Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 20	Introduction to Drawing	(3)
ART 5	Beginning Sculpture	(4)	ART 11	Three-Dimensional Design Concepts	(3)
			OR		
			ART 60	Introductory Concepts of Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 40	Introduction to Painting	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	ART 72	Introduction to Digital Photography	(3)
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 6	Western Art History I: Art of the Prehistoric Ancient World (350 CE)	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 7	Western Art History II: Art of the Developing World (350-1550)	(3)
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE		
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	ART 5	Visual Arts	(3)
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

A A STD 1	Hist Exp Asian Am	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COURSE ARTICULATED: College has not

AF-AMST 51	History Af-Amr Dance	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Music and American Culture	(4)	MUSIC 12 Popular Music in American Culture (3)
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	DRAMA 30 Chicano/a Mexican American Cinema: A Critical Analysis (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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	HIST 46 History and Culture of Native Americans in North America (from Pre-European Contact through 1838) (3)
			OR
			HIST 47 History and Cultures of Native Americans in North America (3)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	HIST 46 History and Culture of Native Americans in North America (from Pre-European Contact through 1838) (3)
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

N A STD 33	Intro NA Art	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 34	NA Art Workshop	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 20	Cult Repr of Gndr	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	ART 5 Visual Arts (3)
ART 10	Fine Art Appreciation	(4)	ART 5 Visual Arts (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 110 Critical Thinking and Composition (3)
N A STD 46	Orientation to Research in NAS	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE
SOCIO 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 34 Introduction to Statistics (4)
	Same as: STATIST 13Y		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

ENG CS 36A	Programming	(4)		COMSC 44	Introduction to C++ Programming	(3)
	Formerly ENG CS 30					
				<u>OR</u>		
				COMSC 122	Programming Concepts & Methodologies I	(3)
				<u>OR</u>		
				ENGIN 20	Programming with C++ for Engineers and Scientists	(4)

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 80	Differential Equations	(3)

ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE		
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PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
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PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
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PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)
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STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)		ENGIN 22	Programming with MATLAB for Engineers and Scientists	(4)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
	OR			OR	

CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE

MATH 17A	Calculus for BioSci	(4)	NO 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 50 Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)	MATH 60 Calculus and Analytic Geometry II (4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & College Physics I (4)	PHYS 36 College Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & College Physics I (4)	PHYS 36 College Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & College Physics I (4)	PHYS 36 College Physics II (4)

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

	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 40 Physics for Scientists and Engineers I (4)
PHYSICS 9B	Classical Physics	(5)	PHYS 42 Physics for Scientists and Engineers III (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 41 Physics for Scientists and Engineers II (4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28 Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & Organic Chemistry (5)
			CHEM 29 Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29 Organic Chemistry (5)
	OR		OR
CHEM 128A	Organic Chemistry	(3)	CHEM 28 Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 & Organic Chemistry (5)
			CHEM 29 Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29 Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28 Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 & Organic Chemistry (5)
			CHEM 29 Organic Chemistry (5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 70 Calculus and Analytic Geometry III (4)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

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

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

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

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

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered

for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the following recommended course articulation.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 &	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35	& College Physics I	(4)
			PHYS 36	& College Physics II	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35	& College Physics I	(4)
			PHYS 36	& College Physics II	(4)
	OR			OR	
PHYSICS 7A	General Physics	(4)	PHYS 35	& College Physics I	(4)
			PHYS 36	& College Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 35	& College Physics I	(4)
			PHYS 36	& College Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 35	& College Physics I	(4)
			PHYS 36	& College Physics II	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

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

Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic	(4)
				Geometry III	

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Mathematics 16A/B or 17A/B or 21A/B

Chemistry 2A/B/C

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

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

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
OR					
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 & CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
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 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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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 160	Discrete Math	(4)
ENG CS 36A	Programming	(4)	COMSC 44	Introduction to C++ Programming	(3)
	Formerly ENG CS 30				
			<u>OR</u>		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			<u>OR</u>		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(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)	COMSC 132	Programming Concepts & Methodologies II	(3)
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(4)	COMSC 142	Computer Architecture and Organization	(3)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below

that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: (5) Cellular Processes
BIOLSCI 2B	Intro Biology: Ecology	(5)		BIOSC 21	Principles of Biology: (5)

BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Organismal Principles of Biology: Organismal	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

OR

CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 29	Organic Chemistry	(5)

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

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
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MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
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PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
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END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)
PHYSICS 9D	Modern Physics	(4)		NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)		NO COMPARABLE COURSE		
MATH 22B	Differntl Equations	(3)		MATH 80	Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3)		CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 28	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)

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

	OR				OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)

CHEM 128A	Organic Chemistry	(3)		CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)		CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 28	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists	(4)

and Engineers III

PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 29	Organic Chemistry	(5)

RECOMMENDED COURSES:

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic	(4)

MATH 16C	Short Calculus	(3)	MATH 60	Geometry II Calculus and Analytic Geometry II	(4)
OR					
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
OR					
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y					
OR					
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
OR					
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR			OR		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

	OR			OR		
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)

PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)		DRAMA 30 Chicano/a Mexican American Cinema: A Critical Analysis	(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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SPANISH 1	Elementary Spanish	(5)		SPAN 50	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN 50 &	Elementary Spanish I	(5)
				SPAN 51	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN 51	Elementary Spanish II	(5)
	OR				OR	
SPANISH 28	Inter Conversation	(2)		NO COMPARABLE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	DRAMA 30 Chicano/a Mexican American Cinema: A Critical Analysis (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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

SPANISH 1	Elementary Spanish	(5)	SPAN 50 Elementary Spanish I (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 50 & Elementary Spanish I (5)
			SPAN 51 Elementary Spanish II (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 51 Elementary Spanish II (5)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

Students who have studied Chinese previously must take the UC Davis placement examination before enrolling in Chinese language courses at UC Davis. If placement results in duplication of articulated courses below, students might

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 30	Elementary Chinese I	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 30 &	Elementary Chinese I	(5)
			CHIN 40	Elementary Chinese II	(5)
x) CHINESE 3	Elem Chinese	(5)	CHIN 40	Elementary Chinese II	(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		
	OR			OR	
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE		
	OR			OR	
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE		
CHINESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE		

Same as: JPNESE 50		
COMPLIT 14	Intro Poetry	(3) NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4) NO COMPARABLE COURSE
LINGUIS 1	Intro Linguistics	(4) NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

CINE&TS 20	Filmmaking Foundations	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation

Select two of the following courses:

CINE&TS 40A	Media History I	(4)	NO COURSE ARTICULATED: College has not
Same as: SCI&TEC 40A			submitted course(s)for articulation
CINE&TS 40B	Media History 2	(4)	NO COURSE ARTICULATED: College has not
Same as: SCI&TEC 40B			submitted course(s)for articulation
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
Same as: GERMAN 45			submitted course(s)for articulation

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)		DRAMA 70	Film as an	(3)
	Formerly Humanities 10				International Art Form	
TCULST 1	Intro Technocultural Studies	(4)	NO COURSE ARTICULATED: College has not			
			submitted course(s) for articulation			
TCULST 5	Media Archaeology	(4)	NO COURSE ARTICULATED: College has not			
			submitted course(s) for articulation			

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 6 Western Art History I: Art of the Prehistoric Ancient World (350 CE)	(3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE	
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE	
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE	
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE	
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE	
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE	
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE	
	Same as: SCI&TEC 50			
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE	
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE	
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE	
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE	

END OF MAJOR

====Classical Civilization (Classical Languages & Literature) A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing Critically about Literature	(3)
OR				OR	
UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry General College Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
OR				OR	
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
OR				OR	
SOCIOL 3	Social Problems	(4)	SOCIO 16	Introduction to Social Problems	(3)
OR				OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y					

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE	
COG SCI 1	Intro Cognitive Science	(4)		NO COURSE ARTICULATED	
	OR			OR	
PHILOS 10	Intro Cognitive Science	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED:College has not submitted course(s)for articulation	
PSYCH 1	General Psychology	(4)		PSYCH 11	General Psychology (3)
PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to (4)
	Same as: STATIST 13Y			Statistics	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

<u>Emphasis 1: Computational</u>			
ENG CS 20	C Sci/Discrete Math	(4)	MATH 160 Discrete Math (4)
ENG CS 32A	Intro to Programming(4)		NO COMPARABLE COURSE
	Formerly ENG CS 10		
	OR		OR
ENG CS 36A	Programming	(4)	COMSC 44 Introduction to C++ (3)
	Formerly ENG CS 30		Programming
			OR
			COMSC 122 Programming Concepts (3)
			& Methodologies I
			OR
			ENGIN 20 Programming with C++ (4)
			for Engineers and Scientists
ENG CS 34	UNIX & C++	(5)	NO COURSE ARTICULATED
	OR		OR
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE
	Formerly ENG CS 40		
ENG CS 50	Machine Dependent Prog	(4)	COMSC 142 Computer Architecture (3)
			and Organization
ENG CS 32B	Intro to Data Structures	(4)	
	OR		OR
ENG CS 36C	Data Structures	(4)	COMSC 132 Programming Concepts (3)
	Formerly ENG CS 60		& Methodologies II
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not

PHYSICS 7B	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

PSYCH 1	General Psychology	(4)		PSYCH 11	General Psychology	(3)
PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE	
	OR			OR
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE	
COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication (3)
	OR			OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 130	Interpersonal Communications (3)
	OR			OR
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: LINGUIS 5			
	OR			OR
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: COMUNCN 5			
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
B) ENG CS 15	Intro to Computers	(4)	COMSC 40	Introduction to Computers (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.

	OR			OR
PHILOS 12	Intro to Symbol Logic	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology (3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology (3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics (4)
	Same as: STATIST 13Y			

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing Critically about Literature	(3)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)
UWRITING 48	Style in the Essay Formerly UWRITING 18	(4)	ENGL 221	Advanced Composition and Critical Thinking	(3)
UWRITING 49	Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE		
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	COMSC 40	Introduction to Computers	(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 10	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 34	Introduction to Statistics	(4)
	OR			OR	

STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE
	OR			OR
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

COMPLIT 1 Major Books-Ancient (4)|NO COMPARABLE COURSE

	World			
	OR			OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COMPARABLE COURSE

COMPLIT 3	Major Books-The Modern Crisis	(4)		NO COMPARABLE COURSE
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	OR			OR
COMPLIT 4	Maj Books:Cont Wrld	(4)		NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)		NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)		NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)		NO COMPARABLE COURSE
COMPLIT 5	Fairy Tales, Fables, Parables	(4)		NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)		ENGL 132 Literature of Imagination: Myths, Tales, the Short Story and the Novel (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.

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2018-19)

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

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

Mathematics 21A/B/C
Engineering Computer Science (ENG CS) 20, 30, 50,60
(as of F18 courses ENG CS 20, 36A, 50, 36C may be used to fulfill this requirement)

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

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

Special Advising Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 20	C Sci/Discrete Math	(4)	MATH 160	Discrete Math	(4)
ENG CS 36A	Programming	(4)	COMSC 44	Introduction to C++ Programming	(3)
	Formerly ENG CS 30				
			OR		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			OR		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
	Formerly ENG CS 40				
ENG CS 36C	Data Structures	(4)	COMSC 132	Programming Concepts & Methodologies II	(3)
	Formerly ENG CS 60				
ENG CS 50	Machine Dependent Prog	(4)	COMSC 142	Computer Architecture and Organization	(3)

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists (4) and Engineers I
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists (4) and Engineers III
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists (4) and Engineers II

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

DESIGN 1	Intro to Design	(4)		NO COMPARABLE COURSE
<hr/>				
DESIGN 14	Design Drawing	(4)		ART 12 Design Drawing (3)
	OR			OR
DESIGN 21	Drafting and Perspective	(4)		NO COMPARABLE COURSE
<hr/>				
DESIGN 15	Form & Color	(4)		NO COMPARABLE COURSE
	AND			AND
DESIGN 16	Graphics & The Computer	(4)		NO COMPARABLE COURSE

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

TWO COURSES FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 40A	Energy, Materials, Design	(4)		NO COMPARABLE COURSE
DESIGN 40B	Ideologies of Design	(4)		NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE

UWRITING 11	Pop Sci & Technol Wrtnng	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	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 221 Advanced Composition (3) and Critical Thinking
	Formerly UWRITING 18			OR
	OR			OR
UWRITING 49	Writing Research Papers	(4)		NO COMPARABLE COURSE
	Formerly UWRITING 19			

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

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

x) CHINESE 1	Elem Chinese	(5)	CHIN 30	Elementary Chinese I	(5)
x) CHINESE 2	Elem Chinese	(5)	CHIN 30 &	Elementary Chinese I	(5)
			CHIN 40	Elementary Chinese II	(5)
	OR			OR	
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics	(4)
				<u>OR</u>		
				PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 1B	Principles Physics	(3)		PHYS 15	Introduction to Physics	(4)
				<u>OR</u>		
				PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

OR			OR		
PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

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

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			<u>OR</u>		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

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

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

Special Advising Note:

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

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

Beginning fall 2021, the major economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior

to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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

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

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

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

- Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of	(3)
					Microeconomics	

ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

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

MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing	(3)
				Critically about Literature	
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)

ENGLISH 10A	Literatures in English I: To 1700	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
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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)	DRAMA 15 Multicultural Perspectives within Theatre (3)
ENGLISH 44	Intro Topics in Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 45	Intro Topics in Poetry	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)

	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35	& College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35	& College Physics I	(4)
			PHYS 36	College Physics II	(4)

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR			OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
	OR			OR	
PL SCI 21	Computers in Technology	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

===Environmental Horticulture and Urban Forestry B.S.===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

ENVHORT 1	Intro Envhort/Urb For	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20 Principles of Biology: (5) Cellular Processes
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21 Principles of Biology: (5) Organismal
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM 25 General College Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & General College Chemistry (5) CHEM 26 General College Chemistry (5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
	OR		OR
b) ENV S&P 10	Current Issues in Environment	(3)	BIOSC 7 Ecology and the Environment (4)
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1		OR
	OR		OR
b) ENV S&P 30	Global Ecosystem	(3)	BIOSC 7 Ecology and the Environment (4)
	Same as: ENV SC&M 30		
PHYSICS 1A	Principles Physics	(3)	PHYS 15 Introduction to Physics (4)
			OR
			PHYS 35 & College Physics I (4)
			PHYS 36 College Physics II (4)
PHYSICS 1B	Principles Physics	(3)	PHYS 15 Introduction to Physics (4)
			OR
			PHYS 35 & College Physics I (4)
			PHYS 36 College Physics II (4)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16A	Short Calculus	(3)	MATH 37 Applied Calculus (4)
			OR
			MATH 50 Calculus and Analytic Geometry I (4)
	OR		OR
STATIST 13	Elementary Statistics	(4)	MATH 34 Introduction to Statistics (4)
	Same as: STATIST 13Y		

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

RECOMMENDED COURSES:

COMUNCN 1 Intro Public Spkg (4) | SPCH 110 Speech Communication (3)

END OF MAJOR

b) If a student take BIOSC 7 at Los Medanos College, credit will be given at
UC Davis for either ENV SC&M 30, or ENV S&P 10, or ENV S&P 30.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College of Agricultural and Environmental Sciences (A&ES) General Education (GE)

English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	OR	SPCH 110	Speech Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	OR	SPCH 130	Interpersonal Communications	(3)
DRAMART 10	Intro To Acting	(4)	OR	DRAMA 20	Principles of Acting I	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	OR	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 10	Everyday Biology	(4)	OR	BIOSC 10	General Biology	(4)
CHEM 2A	Genl Chemistry	(5)	OR	CHEM 25	General College Chemistry	(5)
CHEM 10	Concept of Chem	(4)	OR	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	OR	PHYS 15	Introduction to Physics	(4)
			OR	PHYS 35 &	College Physics I	(4)
			OR	PHYS 36	College Physics II	(4)

BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)	BIOSC 21	Principles of Biology: Organismal OR	(5)
CHEM 2B	Genl Chemistry OR	(5)	CHEM 25 & CHEM 26	General College Chemistry General College Chemistry OR	(5) (5)
PHYSICS 1B	Principles Physics	(3)	PHYS 15 OR PHYS 35 & PHYS 36	Introduction to Physics College Physics I College Physics II	(4) (4) (4)

ONE COURSE FROM THE FOLLOWING:

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

ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 11	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		
GEOLOGY 1	The Earth	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
PL SCI 12	Plants and Society Same as: SCI&SOC 12	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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MATH 16A	Short Calculus OR	(3)	MATH 37 MATH 50	Applied Calculus Calculus and Analytic Geometry I	(4) (4)
MATH 16B	Short Calculus OR	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and	(3)
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Ideals

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to	(4)
Same as: STATIST 13Y					Statistics	
	OR				OR	
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

CLIMATE CHANGE POLICY AREA:

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPCH 110	Speech Communication	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		SPCH 130	Interpersonal Communications	(3)
	OR				OR	
DRAMART 10	Intro To Acting	(4)		DRAMA 20	Principles of Acting I	(3)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
	OR			CHEM 26	General College Chemistry	(5)
					OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
<hr/>						
GEOLOGY 1	The Earth	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	

GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE	
PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics (4)
			<u>OR</u>	
			PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)
PHYSICS 1B	Principles Physics	(3)	PHYS 15	Introduction to Physics (4)
			<u>OR</u>	
			PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)
	OR			OR
PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)

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

ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics (3)
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus (4)
			<u>OR</u>	
			MATH 50	Calculus and Analytic Geometry I (4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II (4)
	OR			OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II (4)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry (5)
	OR			OR
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics (4)
Same as: STATIST 13Y				

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

CLIMATE CHANGE AND AIR QUALITY TRACK:

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

WATERSHED SCIENCE TRACK:

HYDRO S 10 Water, Power, Society (3) | NO COURSE ARTICULATED: College has not
Same as: SCI&SOC 10 | submitted course(s) for articulation

GEOLOGY 35 Rivers (3) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

LND ARC 60 Landform Grading Studio (6) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

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

CHEM 118A	Org Chem, Hlth & Sci		(4)	CHEM 28	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci		(4)	CHEM 28 & CHEM 29	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci		(4)	CHEM 29	Organic Chemistry (5)
		OR		OR	
CHEM 128A	Organic Chemistry		(3)	CHEM 28	Organic Chemistry (5)
CHEM 128B	Organic Chemistry		(3)	CHEM 28 & CHEM 29	Organic Chemistry (5)
CHEM 128C	Organic Chemistry		(3)	CHEM 29	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab		(2)	CHEM 28	Organic Chemistry (5)

MATH 17A	Calculus for BioSci		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci		(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
		OR		OR	
MATH 21A	Calculus		(4)	MATH 50	Calculus and Analytic Geometry I (4)
MATH 21B	Calculus		(4)	MATH 60	Calculus and Analytic Geometry II (4)
MATH 21C	Calculus		(4)	MATH 70	Calculus and Analytic Geometry III (4)

PHYSICS 7A	General Physics		(4)	PHYS 35 & PHYS 36	College Physics I (4) College Physics II (4)
PHYSICS 7B	General Physics		(4)	PHYS 35 & PHYS 36	College Physics I (4) College Physics II (4)
PHYSICS 7C	General Physics		(4)	PHYS 35 & PHYS 36	College Physics I (4) College Physics II (4)

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics	(4)
				OR		
				PHYS 35 &	College Physics I	(4)

PHYSICS 1B	Principles Physics	(3)		PHYS 36	College Physics II	(4)	
				PHYS 15	Introduction to Physics	(4)	
				<u>OR</u>			
				PHYS 35 &	College Physics I	(4)	
				PHYS 36	College Physics II	(4)	

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21C	Calculus	(4)		MATH 70	Calculus and 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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
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END OF MAJOR

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
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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 25 & CHEM 26	General College Chemistry General College Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

B) ENG CS 15	Intro to Computers	(4)		COMSC 40	Introduction to Computers	(4)
	OR				OR	
ENG CS 36A	Programming	(4)		COMSC 44	Introduction to C++ Programming	(3)
	Formerly ENG CS 30					
				OR		
				COMSC 122	Programming Concepts & Methodologies I	(3)
				OR		
				ENGIN 20	Programming with C++ for Engineers and Scientists	(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 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
	OR				OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

TEX&CL 6	Intro Textiles	(4)		NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind OR	(4)		NO COMPARABLE COURSE OR	
ENGIN 45	Prop of Mats	(4)		ENGIN 30	Materials Science (4)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)		CHEM 28	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 28 &	Organic Chemistry (5)
				CHEM 29	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)		CHEM 29	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 28	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)		CHEM 28 &	Organic Chemistry (5)
				CHEM 29	Organic Chemistry (5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of (3)
					Microeconomics
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of (3)
					Macroeconomics
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)		MATH 80	Differential Equations (3)
PL SCI 21	Computers in Technology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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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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).

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)		SPCH 110	Speech Communication	(3)
MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic	(4)

MATH 16B	Short Calculus	(3)	MATH 60	Geometry I Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry General College Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief AND	(2)	NO COMPARABLE COURSE AND		
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR		
CHEM 118A	Org Chem, Hlth & Sci AND	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci OR	(4)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry AND	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry AND	(3)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 34	Introduction to Statistics	(4)
NUTR 10	Discoveries and Concepts	(3)	NUTRI 55	Introduction to Nutrition	(3)
RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:					
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)

	OR			OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 29	Organic Chemistry	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FRENCH 1	Elementary French	(5)	FRNCH 60	Elementary French I	(5)
FRENCH 2	Elementary French	(5)	FRNCH 61	Elementary French II	(5)

FRENCH 3	Elementary French	(5)		NO COMPARABLE COURSE
FRENCH 21	Intermed French	(5)		FRNCH 62 Intermediate French I (5)
FRENCH 22	Intermed French	(5)		NO COMPARABLE COURSE
FRENCH 23	Intermed French	(5)		NO COMPARABLE COURSE

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

WOM STD 50	Intro Gender Studies	(4)	NO 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 230 Thinking and Writing Critically about 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)	HIST 46 History and Culture of Native Americans in North America (from Pre-European Contact through 1838) (3)
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 11 General Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCIO 16 Introduction to Social Problems (3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
	Formerly UWRITING 19		
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)

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

	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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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 70	Calculus and Analytic Geometry III	(4)
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

GEOLOGY 3	History of Life	(3)		NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials: Intro	(4)		NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)		MATH 37 Applied Calculus	(4)
				<u>OR</u>	
				MATH 50 Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60 Calculus and Analytic Geometry II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)		MATH 50 Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60 Calculus and Analytic Geometry II	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 25 General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 & General College Chemistry	(5)
				CHEM 26 General College Chemistry	(5)
PHYSICS 7A	General Physics	(4)		PHYS 35 & College Physics I	(4)
				PHYS 36 College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 & College Physics I	(4)
				PHYS 36 College Physics II	(4)

GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials:Intro	(4)		NO COMPARABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

OR

OR

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

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

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		
MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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GDISBIO 90	Intro Global Disease Bio	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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SCI&SOC 13	Disease and Society	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: (5) Cellular Processes
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: (5) Organismal
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: (5) Organismal

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)

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

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y					

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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College Foreign Language Requirement Note:

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

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

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

A. AFRICA

HISTORY 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) | NO COMPARABLE COURSE
HISTORY 4C Western Civ (4) | HIST 35 Western Inheritance in (3)
| Global Perspective:
| Modern World History

D. LATIN AMERICA

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

E. MIDDLE EAST

HISTORY 6 Intro to Middle East (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

F. UNITED STATES

HISTORY 17A U.S. History (4) | HIST 29 The American World (3)
Until 1865
HISTORY 17B U.S. History (4) | HIST 30 The American World From (3)
1865
HISTORY 18A Race in America to 1865 (4) | NO COURSE ARTICULATED
HISTORY 72A Am Women & Gender (4) | NO COMPARABLE COURSE
HISTORY 72B Am Women & Gender (4) | NO COMPARABLE COURSE
HISTORY 80 US in the Middle East (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 85 Nat, Man & Mach/Amer (4) | NO COMPARABLE COURSE

G. WORLD

HISTORY 1 Introduction to History (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 2 Intro History of Science (4) | NO COURSE ARTICULATED
HISTORY 3 Cities: Survey of World (4) | NO COMPARABLE COURSE
Cultures
HISTORY 10A World History to 1350 (4) | HIST 39 Ancient World History: (3)
People and Their
Governance Until 1500
C.E.
HISTORY 10B World History (4) | NO COMPARABLE COURSE
1350-1850
HISTORY 10C World History III (4) | HIST 40 Modern World History: (3)
People and Their
Governance From 1500
C.E.
HISTORY 11 Hist Jewish People (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 12 Food and History (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 13 Global Sexualities (4) | NO COURSE ARTICULATED
HISTORY 14 Hist Global Capitalism (4) | NO COURSE ARTICULATED
HISTORY 20 The Vietnam War (4) | NO COURSE ARTICULATED
HISTORY 90 Research in History (4) | NO COURSE ARTICULATED

END OF MAJOR

====Human Development B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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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:

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Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOSC 10	General Biology	(4)
	OR			OR	
MIC BIO 10	Natural History of Infectious Diseases	(3)	NO COMPARABLE COURSE		
	OR			OR	
NE PH B 12	Human Brain and Disease	(3)	NO COMPARABLE COURSE		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 29	The American World Until 1865	(3)
	OR			OR	
HISTORY 17B	U.S. History	(4)	HIST 30	The American World From 1865	(3)
	OR			OR	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	OR			OR	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHIL 110	Critical Thinking and Composition	(3)
PHILOS 15	Intro to Bioethics	(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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 32	Scientific Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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)	BIOSC 45	Human Physiology	(5)
PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology	(3)

Select one of the following options:

PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE	
	OR			OR
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
	AND			AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR			OR
STATIST 10	Statist Thinking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to (4)
Same as: STATIST 13Y			Statistics	

END OF MAJOR

====Hydrology B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this

requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic	(4)

MATH 21C	Calculus	(4)	MATH 70	Geometry II Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)

GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE		

ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(4)
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END OF MAJOR

====International Agricultural Development B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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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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.

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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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INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics (3)
	AND			AND
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics (4)
	Same as: STATIST 13Y			
	OR			OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus (4)
			OR	
			MATH 50	Calculus and Analytic Geometry I (4)
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 COURSE ARTICULATED: College has not submitted course(s)for articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
NUTR 10	Discoveries and Concepts	(3)	NUTRI 55 Introduction to Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <http://llc.ucdavis.edu/foreign-language-placement-exams> .

A score of 5, 4, or 3 on a foreign language College Board Advanced Placement Examination (except Latin) or a score of 550 on the College Board SAT II Subject Test will also satisfy this requirement

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20 Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21 Principles of Biology: Organismal	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 25 General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26 General College Chemistry	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 60 Calculus and Analytic Geometry II	(4)
SOCIOL 1	Intro Sociology	(5)	SOCIO 15 Introduction to Sociology	(3)
OR			OR	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARABLE COURSE	

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20 Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21 Principles of Biology: Organismal	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOCIO 15 Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 Cultural Anthropology	(3)

END OF MAJOR

====International Relations A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology	(3)
	OR				OR	
ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics	(3)

ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics	(3)

HISTORY 4C	Western Civ	(4)		HIST 35	Western Inheritance in Global Perspective: Modern World History	(3)
	OR				OR	

HISTORY 10C	World History III	(4)	HIST 40	Modern World History: (3) People and Their Governance From 1500 C.E.
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POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE	
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POL SCI 3	Internatl Relations	(4)	POLSC 43	International (3) Relations
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POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation	
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SOCIOL 12Y

OR

OR

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to (4) Statistics
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Same as: STATIST 13Y

OR

OR

SOCIOL 46B	Intro Social Rsch	(5)	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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**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	
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ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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OR

OR

x) CHINESE 1	Elem Chinese	(5)	CHIN 30	Elementary Chinese I (5)
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x) CHINESE 2	Elem Chinese	(5)	CHIN 30 &	Elementary Chinese I (5)
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			CHIN 40	Elementary Chinese II (5)
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x) CHINESE 3	Elem Chinese	(5)	CHIN 40	Elementary Chinese II (5)
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x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE	
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x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE	
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x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE	
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OR

OR

x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE	
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x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE	
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x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE	
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OR

OR

x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE	
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x) CHINESE 2BL	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE	
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II

x) CHINESE 3BL	Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE	
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III

OR

OR

FRENCH 1	Elementary French	(5)	FRNCH 60	Elementary French I (5)
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FRENCH 2	Elementary French	(5)	FRNCH 61	Elementary French II	(5)
FRENCH 3	Elementary French	(5)	NO COMPARABLE COURSE		
FRENCH 21	Intermed French	(5)	FRNCH 62	Intermediate French I	(5)
FRENCH 22	Intermed French	(5)	NO COMPARABLE COURSE		
OR			OR		
GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE		
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE		
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE		
OR			OR		
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE		
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED		
OR			OR		
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
ITALIAN 1	Elementary Italian	(5)	ITAL 60	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 61	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE		
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
OR			OR		
ITALIAN 1	Elementary Italian	(5)	ITAL 60	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 61	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE		
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE		
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE		
OR			OR		
y) JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE		
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE		
OR			OR		
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		

RUSSIAN 1	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)		NO COMPARABLE COURSE

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

	OR				OR	
SPANISH 1	Elementary Spanish	(5)		SPAN 50	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN 50 &	Elementary Spanish I	(5)
				SPAN 51	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN 51	Elementary Spanish II	(5)
SPANISH 21	Intm Spanish	(5)		SPAN 52	Intermediate Spanish I	(5)
SPANISH 22	Intm Spanish	(5)		SPAN 53	Intermediate Spanish II	(5)
	OR				OR	
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the [UC Davis General Catalog](#), available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

END OF MAJOR

- x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.**
- y) **Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.**

====Italian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ITALIAN 1	Elementary Italian	(5)	ITAL 60	Elementary Italian I	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 61	Elementary Italian II	(5)
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE		
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE		
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE		

RECOMMENDED: Study abroad in Italy for a period of one year, one semester, or one quarter, and/or the study of Latin or another Romance language.

END OF MAJOR

====Japanese A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Japanese Placement Examination Note:

Students who have studied Japanese previously must take the UC Davis placement examination before enrolling in Japanese language courses at UC Davis. If placement results in duplication of articulated courses below, students might receive only subject credit, not unit credit, for UC Davis courses completed. See information related to [Japanese placement exams](#) and also information regarding [foreign language placement exams](#). For more information, check with your UC Davis College Dean's Office or department advisor upon enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

y) JPNESE 1	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)		NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)		NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)		NO COMPARABLE COURSE
CHINESE 10	Modern Lit (in Engl)	(4)		NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)		NO COMPARABLE COURSE
CHINESE 50	Intro to Literature	(4)		NO COMPARABLE COURSE
Same as: JPNESE 50				
LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE

END OF MAJOR

y) **Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.**

====Landscape Architecture B.S.====**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

PRE-MAJOR REQUIREMENT:

Students who wish to major in landscape architecture must apply to "Landscape Architecture (Pre-)." Admission to UC Davis in pre-landscape architecture does not guarantee admission to the landscape architecture major.

After applying for admission, students submit a separate portfolio application to the landscape architecture program in February, either before or after enrollment at UC Davis. Contact the Landscape Architecture Advising Office at (530) 754-8628 or visit humanecology.ucdavis.edu/lda for details.

To be a competitive applicant, you must earn an overall transfer GPA of 2.80 or higher.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing Critically about Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	ENGL 221	Advanced Composition and Critical Thinking	(3)
	Formerly UWRITING 18				
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			<u>OR</u>		
			MATH 50	Calculus and Analytic Geometry I	(4)
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
ENG CS 32A	Intro to Programming(4)			NO COMPARABLE COURSE	
	Formerly ENG CS 10				

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 10	Concept of Chem	(4)		NO COMPARABLE COURSE	
PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			<u>OR</u>		
			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 15	Introduction to Physics	(4)
GEOLOGY 1	The Earth	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
LND ARC 1	Intro Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 2	Place,Culture,Community	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Formerly Design Visualization				
LND ARC 23	Landscape Rep II	(3)		NO COURSE ARTICULATED	
LND ARC 30	History Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 50	Site Ecology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 60	Landform Grading Studio	(6)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 70	Intro to Spacemaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth
Articulation Agreement TB: Arts and Humanities (www.ASSIST.org 16-17
agreement)

Two courses in Social Sciences selected from the UC Davis GE/Breadth
Articulation Agreement TB: Social Sciences.

END OF MAJOR

====Linguistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses
as possible for their major before enrolling at UC Davis. Preparing well for
the major helps students move efficiently toward graduation and significantly
reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details

see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LINGUIS 1 Intro Linguistics (4) | NO COMPARABLE COURSE

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

END OF MAJOR

====Managerial Economics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for Future Applicants*

Beginning fall 2021, the major managerial economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- Economics 1A/B
- Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native

American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)		SPCH 110	Speech Communication	(3)
	OR				OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		SPCH 130	Interpersonal Communications	(3)
<hr/>						
AGRESEC 18	Business Law	(4)		BUS 294	Business Law	(3)
<hr/>						
ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics	(3)
<hr/>						
PL SCI 21	Computers in Technology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
B) ENG CS 15	Intro to Computers	(4)		COMSC 40	Introduction to Computers	(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.

MGMT 11A	Elem Accounting	(4)		BUS 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)		BUS 187	Managerial Accounting	(4)
<hr/>						
MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic	(4)

MATH 16C	Short Calculus	(3)	MATH 60	Geometry II Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Marine and Coastal Science B.S. (Coastal Environmental Processes)====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: (5) Cellular Processes
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: (5) Organismal

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists	(4)

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
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AND

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

AND

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 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)

OR

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
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OR

PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists and Engineers III	(4)
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PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists and Engineers II	(4)
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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		
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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 Environmental Chemistry)====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

- Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this

requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				<u>OR</u>		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not	

MATH 17B	Calculus for Biosci	(4)		submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic (4) Geometry I
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic (4) Geometry II
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic (4) Geometry III

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	OR			OR	
PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists (4) and Engineers I
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists (4) and Engineers III
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists (4) and Engineers II

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

====Marine and Coastal Science B.S. (Oceans and the Earth System)====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department:

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/> for details regarding the marine and coastal science undergraduate major.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College	(5)

Chemistry

CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
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MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
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OR

MATH 50	Calculus and Analytic Geometry I	(4)
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MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
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MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
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OR

MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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OR

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
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MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
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MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
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PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
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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 40	Physics for Scientists and Engineers I	(4)
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PHYSICS 9B	Classical Physics	(5)	PHYS 42	Physics for Scientists and Engineers III	(4)
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PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)
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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	
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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.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Mathematical & Scientific Computation B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		
	or equivalent basic knowledge of MATLAB.				

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
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ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(4)
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END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====
Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(4)

ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)

STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		
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END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Mathematics 21A/B/C/D

-Mathematics 22A or Mathematics 67

-Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE
OR		OR
ENGIN 6 Engr Prob Solving (4)		ENGIN 22 Programming with (4) MATLAB for Engineers and Scientists

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

**12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES
CHOSEN FROM NATURAL SCIENCES**

END OF MAJOR

====Mathematics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the [UC Davis General Catalog](#) for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COMPARABLE COURSE		

or equivalent basic knowledge of MATLAB.

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently).

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

OR SELECT THE FOLLOWING COURSE:

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(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.

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A	General Physics	(4)		PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
	OR				OR	

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
	OR				OR	

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y					
	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/>

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved

a cumulative GPA of 3.20 or higher in required lower-division major coursework completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis [transfer admission website](#) for details.

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding [UC Davis TAG](#).

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2018-19 [UC Davis General Catalog](#) online.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-2019 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MEDV-ST 20A	Medieval Culture	(5)	NO COMPARABLE COURSE
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MEDV-ST 20B	Medieval Culture	(5)	NO COMPARABLE COURSE
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THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	ART 7	Western Art History II: (3) Art of the Developing World (350-1550)
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE	
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)	NO COMPARABLE COURSE	
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

COMPLIT 10D	Master Authors	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 10E	Master Authors	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 10A	Literatures in English I: To 1700	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	NO COMPARABLE COURSE
d) HUMAN 1	Humanities Forum	(2)	HUMAN 19 Ancient Humanities (3) <u>OR</u> HUMAN 20 Medieval and Renaissance Humanities (3) <u>OR</u> HUMAN 21 Modern Humanities (3)
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 21	Phil Classics: Ancient	(4)	NO COMPARABLE COURSE
PHILOS 22	Phil Classics: Modern	(4)	NO COMPARABLE COURSE

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

d) Students at Los Medanos College who take HUMAN 19, OR HUMAN 20, OR HUMAN 21, will receive credit at UC Davis for HUMAN 1 and 1D, or HUMAN 2A, not both.

====Microbiology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree **MUST** also complete Chemistry 2C and additional courses in math. At a minimum, for admission students **MUST** complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 1B	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
	OR			OR	

PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)

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)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 29	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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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 50	Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II (4)

PHYSICS 7A	General Physics	(4)		PHYS 35 & College Physics I (4)	
				PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 35 & College Physics I (4)	
				PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 & College Physics I (4)	
				PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

MIC BIO 91	Intro Research	(1)		NO COURSE ARTICULATED	
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RECOMMENDED:

MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III (4)
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END OF MAJOR

====Middle East/South Asia Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://tag.ucdavis.edu). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew III	(4)	NO COURSE ARTICULATED
OR			OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 22	Intermed Hindi/Urdu II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

ADDITIONAL ELECTIVES:

ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE

REL STD 65C The Qur'an and Its Interpretation (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

REL STD 68 Hinduism (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2C	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6A	Elementary Theory	(3)	MUSIC 16 Music Theory I (3)
MUSIC 6B	Elementary Theory	(3)	MUSIC 16 & Music Theory I (3)
			MUSIC 17 Music Theory II: Tonal (3)
			Harmony
MUSIC 6C	Elementary Theory	(3)	NO COMPARABLE COURSE

MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION

MUSIC 17A	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE

END OF MAJOR

====Native American Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

N A STD 1	Intro NA Studies	(4)	HIST 46	History and Culture of Native Americans in North America (from Pre-European Contact through 1838)	(3)
			<u>OR</u>		
			HIST 47	History and Cultures of Native Americans in North America	(3)

N A STD 10	NA Experience	(4)	HIST 46	History and Culture of Native Americans in North America (from Pre-European Contact through 1838)	(3)
OR			OR		
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 32	NA Music & Dance	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 33	Intro NA Art	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
N A STD 34	NA Art Workshop	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	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 COURSE	ARTICULATED: College has not submitted course(s) for articulation	
A A STD 2	Contemp Issues 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	
CHICANO 10	Intro to Chic Std	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 21	Hlth Care Issues	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
b) ENV S&P 10	Current Issues in Environment	(3)	BIOSC 7	Ecology and the Environment	(4)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1					
HISTORY 7A	Latin America to 1700	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 17A	U.S. History	(4)	HIST 29	The American World Until 1865	(3)
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		

END OF MAJOR

b) If a student take BIOSC 7 at Los Medanos College, credit will be given at

UC Davis for either ENV SC&M 30, or ENV S&P 10, or ENV S&P 30.

====Natural Sciences B.S.====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

END OF MAJOR

====Neurobiology, Physiology and Behavior B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly

recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

				submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic (4) Geometry I
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic (4) Geometry II

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry (5)
				CHEM 29	Organic Chemistry (5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 28	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 28 &	Organic Chemistry (5)
				CHEM 29	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM 28	Organic Chemistry (5)

NUTR 10	Discoveries and Concepts	(3)		NUTRI 55	Introduction to Nutrition (3)
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PSYCH 41	Research Methods	(4)		NO COMPARABLE COURSE	
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OR

SOCIO 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)		ANTHR 6	Cultural Anthropology (3)
	OR			OR	
PSYCH 1	General Psychology	(4)		PSYCH 11	General Psychology (3)
	OR			OR	
SOCIO 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology (3)
	OR			OR	
SOCIO 3	Social Problems	(4)		SOCIO 16	Introduction to Social Problems (3)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus (4)
				OR	
				MATH 50	Calculus and Analytic Geometry I (4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II (4)

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics (4)
				OR	
				PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 1B	Principles Physics	(3)		PHYS 15	Introduction to Physics (4)
				OR	
				PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology (3)
	OR			OR	
SOCIO 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology (3)
	OR			OR	
SOCIO 3	Social Problems	(4)		SOCIO 16	Introduction to Social Problems (3)

ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics (3)
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ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
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PSYCH 1	General Psychology	(4)	PSYCH 11	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 submitted course(s) for articulation
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Same as: FD S&T 55

CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
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INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE
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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
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PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
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END OF MAJOR

====Pharmaceutical Chemistry B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COMPARABLE COURSE		

PHYSICS 7A	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS 35 & PHYS 36	College Physics I College Physics II	(4) (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)

MATH 16A	Short Calculus	(3)	MATH 37 OR MATH 50	Applied Calculus Calculus and Analytic Geometry I	(4) (4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)

OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

OR			OR		
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
OR			OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y			OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
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CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 29	Organic Chemistry	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 29	Organic Chemistry	(5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) | NO COMPARABLE COURSE

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4)		PHIL 100 Introduction to Philosophy	(3)

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) | NO COMPARABLE COURSE

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) | NO COMPARABLE COURSE

d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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e. ETHICS:

e) PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 122 Contemporary Moral Issues	(3)
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
PHILOS 24	Intro to Ethics	(4)		PHIL 122 Contemporary Moral Issues	(3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR			OR
PHILOS 31	Scientific Reason	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR			OR
PHILOS 32	Scientific Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR			OR
PHILOS 38	Intro Philos of Biol	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

e) PHILOS 14	Eth Soc Prob in Soc	(4)		PHIL 122 Contemporary Moral	(3)
				Issues	
PHILOS 15	Intro to Bioethics	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
PHILOS 16	Phil Foundations of Amer	(4)		NO COURSE ARTICULATED: College has not	
	Democ			submitted course(s)for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)		PHIL 110 Critical Thinking and	(3)
				Composition	
PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE	
PHILOS 24	Intro to Ethics	(4)		PHIL 122 Contemporary Moral	(3)
				Issues	

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)		PHIL 122 Contemporary Moral	(3)
				Issues	
PHILOS 30	Intro Philos of Sci	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
PHILOS 31	Scientific Reason	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
PHILOS 32	Scientific Change	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)		NO COMPARABLE COURSE	
PHILOS 15	Intro to Bioethics	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
PHILOS 38	Intro Philos of Biol	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

END OF MAJOR

e) Students who complete PHIL 2 at Los Medanos College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Physics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior

to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

-Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE

-Mathematics 21A/B/C/D

-Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists	(4)

and Engineers III

PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	

MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 80	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.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)		PHYS 40	Physics for Scientists (4) and Engineers I
PHYSICS 9B	Classical Physics	(5)		PHYS 42	Physics for Scientists (4) and Engineers III
PHYSICS 9C	Classical Physics	(5)		PHYS 41	Physics for Scientists (4) and Engineers II
PHYSICS 9D	Modern Physics	(4)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 9HA	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HC	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 9HD	Honors Physics	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

PHYSICS 9HE	Honors Physics	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21A	Calculus	(4)	MATH 50 Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)	MATH 60 Calculus and Analytic Geometry II (4)
MATH 21C	Calculus	(4)	MATH 70 Calculus and Analytic Geometry III (4)
MATH 21D	Vector Analysis	(4)	MATH 70 Calculus and Analytic Geometry III (4)
MATH 22A	Linear Algebra	(3)	MATH 75 Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 80 Differential Equations (3)
PHYSICS 40	Intr Physics Computation	(4)	NO COURSE ARTICULATED
PHYSICS 80	Experimental Techniques	(4)	NO COURSE ARTICULATED

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	NO COMPARABLE COURSE
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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

- Mathematics 17A/B/C or 21A/B
- Chemistry 2A/B/C
- Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

<http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y					

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
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END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50

for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B
Chemistry 2A/B/C
Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major*
Physics 7A/B/C or the physics series cited on ASSIST
for your intended College of Biological Sciences major (especially
useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [UC Transfer Admission webpage](#). In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education (GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 20	Principles of Biology: (5) Cellular Processes
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: (5) Organismal
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 21	Principles of Biology: (5) Organismal

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry (5)
				CHEM 26	General College Chemistry (5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry (5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry (5)
				CHEM 29	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 29	Organic Chemistry (5)

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I (4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II (4)

PHYSICS 7A	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 35 &	College Physics I (4)
				PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)		NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
MATH 21C	Calculus	(4)		MATH 70 Calculus and Analytic (4)
				Geometry III

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current

articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 21	Principles of Biology: Organismal	(5)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 29	Organic Chemistry	(5)
MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				OR		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)
	OR				OR	
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	

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics (4)
				<u>OR</u>	
				PHYS 35	& College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 1B	Principles Physics	(3)		PHYS 15	Introduction to Physics (4)
				<u>OR</u>	
				PHYS 35	& College Physics I (4)
				PHYS 36	College Physics II (4)
	<u>OR</u>			<u>OR</u>	
PHYSICS 7A	General Physics	(4)		PHYS 35	& College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS 35	& College Physics I (4)
				PHYS 36	College Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS 35	& College Physics I (4)
				PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

ABIOSYT 49	Fld Equip Oper	(2)		NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>	
PL SCI 49	Org Crop Prod Prac	(3)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of (3)
					Microeconomics
	<u>OR</u>			<u>OR</u>	
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COMPARABLE COURSE	

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)
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THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 43	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: PHIL 133	
				OR	
			PHIL 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: POLSC 133	
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
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ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
	Same as: COMUNCN 12Y, PSYCH 12Y				
	SOCIOL 12Y				
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 43	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: PHIL 133	
				OR	

PHIL 133 A History of Political (3)
 Thought: The Problem of Democracy
 Same as: POLSC 133

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation

POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	POLSC 43	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A History of Political Thought: The Problem of Democracy Same as: PHIL 133 OR PHIL 133 A History of Political Thought: The Problem of Democracy Same as: POLSC 133	(3)	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
POL SCI 12B	Climate Chg & Politics	(4)			

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	Same as: COMUNCN 12Y, PSYCH 12Y SOCIOL 12Y				
	OR		OR		
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
	OR		OR		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90

for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to	(4)
Same as: STATIST 13Y				Statistics	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSC 10	General Biology	(4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Biological Anthropology	(3)
	OR			OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
	OR			OR	
NE PH B 10	Elem Human Physio	(3)	BIOSC 45	Human Physiology	(5)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:
(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA

of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to	(4)
Same as: STATIST 13Y				Statistics	

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		

			MATH 50	Calculus and Analytic	(4)
				Geometry I	

MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic	(4)
				Geometry II	

	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not	

MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not	
				submitted course(s) for articulation	

	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic	(4)

				Geometry I	
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic	(4)

				Geometry II	
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PHYSICS 10	Topics, Nonscientists	(4)	PHYS 15	Introduction to Physics	(4)
	OR			OR	

PHYSICS 10C	Physics of California	(3)	NO COURSE	ARTICULATED: College has not	
				submitted course(s) for articulation	

	OR			OR	
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PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)

PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on	(5)	BIOSC 20	Principles of Biology:	(5)
	Earth			Cellular Processes	

BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOSC 21	Principles of Biology:	(5)
	& Evolution			Organismal	

BIOLSCI 2C	Intro Biology:	(5)	BIOSC 21	Principles of Biology:	(5)
	Biodiversity & the Tree			Organismal	
	of Life				

CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 25 &	General College Chemistry	(5)
				CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
	OR				OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM 28 &	Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A

or

Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is

highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies 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)	PSYCH 11	General Psychology	(3)
PSYCH 41	Research Methods	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y					
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
ENG CS 36A	Programming	(4)	COMSC 44	Introduction to C++ Programming	(3)
Formerly ENG CS 30			<u>OR</u>		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			<u>OR</u>		
			ENGIN 20	Programming with C++	(4)

for Engineers and
Scientists

OR
ENG CS 32A Intro to Programming(4)
Formerly ENG CS 10

OR
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.

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry (5)
			CHEM 26	General College Chemistry (5)
	OR		OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	

PHYSICS 10	Topics, Nonscientists	(4)	PHYS 15	Introduction to Physics (4)
	OR		OR	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS 35 &	College Physics I (4)
			PHYS 36	College Physics II (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes (5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSC 10	General Biology (4)
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AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 1	Introduction to Biological Anthropology (3)
	OR		OR	
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE	
	OR		OR	
NE PH B 10	Elem Human Physio	(3)	BIOSC 45	Human Physiology (5)

END OF MAJOR

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL STD 1	Survey of Religion	(4)	PHIL 142 Comparative Religion	(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

FOUR COURSES FROM THE FOLLOWING:

REL STD 5	Comparative Religion	(2)	NO COURSE ARTICULATED
REL STD 6	Intro Health Humanities	(4)	NO COURSE ARTICULATED
REL STD 10	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 10A	Contemporary Ethical Issues	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 12	Emergence Abrahamic Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 30	South Asian Religions	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
REL STD 42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

A reading knowledge of a foreign language is highly recommended.
END OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 32	Scientific Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Same as: ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science

Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

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SOCIOL 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCIO 16 Introduction to Social (3) Problems
SOCIOL 4	Immigrtn & Opprtny	(4)	NO COMPARABLE COURSE
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 Cultural Anthropology (3)
	OR		OR
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	NO COMPARABLE COURSE
HISTORY 4C	Western Civ	(4)	HIST 35 Western Inheritance in (3) Global Perspective: Modern World History
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	HIST 40 Modern World History: (3) People and Their Governance From 1500 C.E.
HISTORY 15A	Africa to 1900	(4)	NO COURSE ARTICULATED
HISTORY 15B	Africa Today	(4)	NO COURSE ARTICULATED
HISTORY 17A	U.S. History	(4)	HIST 29 The American World (3) Until 1865
HISTORY 17B	U.S. History	(4)	HIST 30 The American World From (3) 1865

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHIL 110 Critical Thinking and (3) Composition
e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 122 Contemporary Moral (3) Issues
PHILOS 24	Intro to Ethics	(4)	PHIL 122 Contemporary Moral (3) Issues

END OF MAJOR

e) Students who complete PHIL 2 at Los Medanos College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Comparative Studies and World Development)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology	(3)
<hr/>						
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
<hr/>						
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
	OR			OR	
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 40	Modern World History: People and Their Governance From 1500 C.E.	(3)
	OR			OR	
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOCIO 16	Introduction to Social Problems	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnnty	(4)	NO COMPARABLE COURSE		
	OR			OR	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLSC 10	Introduction to American Government: Institutions and Ideals	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 43	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: PHIL 133	
				OR	
			PHIL 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: POLSC 133	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4B	Western Civ	(4)	NO COMPARABLE COURSE		
HISTORY 4C	Western Civ	(4)	HIST 35	Western Inheritance in Global Perspective: Modern World History	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST 40	Modern World History: People and Their	(3)

				Governance From 1500 C.E.	
HISTORY 15A	Africa to 1900	(4)	NO COURSE	ARTICULATED	
HISTORY 15B	Africa Today	(4)	NO COURSE	ARTICULATED	
HISTORY 17A	U.S. History	(4)	HIST 29	The American World Until 1865	(3)
HISTORY 17B	U.S. History	(4)	HIST 30	The American World From 1865	(3)

PHILOS 5	Critical Reasoning	(4)	PHIL 110	Critical Thinking and Composition	(3)
	OR			OR	
e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 122	Contemporary Moral Issues	(3)
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 122	Contemporary Moral Issues	(3)

END OF MAJOR

e) Students who complete PHIL 2 at Los Medanos College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOCIO 16	Introduction to Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND		AND		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH 11	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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 10	Intro to Chic Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 50	Chicano Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
N A STD 1	Intro NA Studies	(4)	HIST 46	History and Culture of Native Americans in North America (from Pre-European Contact through 1838)	(3)
			OR		
			HIST 47	History and Cultures of Native Americans in North America	(3)
N A STD 10	NA Experience	(4)	HIST 46	History and Culture of Native Americans in North America (from Pre-European Contact through 1838)	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
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		

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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College Foreign Language Requirement Note:

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SOCIOL 1	Intro Sociology	(5)		SOCIO 15	Introduction to Sociology	(3)
	AND			AND		
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtny	(4)		NO COMPARABLE COURSE		
	OR			OR		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
	OR			OR		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		

SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)		ECON 10	Principles of Microeconomics (3)
	AND			AND	
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics (3)

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer 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.

SPANISH 1	Elementary Spanish	(5)		SPAN 50	Elementary Spanish I	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN 50	& Elementary Spanish I	(5)

				SPAN 51	Elementary Spanish II	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN 51	Elementary Spanish II	(5)
SPANISH 21	Intm Spanish	(5)		SPAN 52	Intermediate Spanish I	(5)
SPANISH 22	Intm Spanish	(5)		SPAN 53	Intermediate Spanish II	(5)
SPANISH 23	Span Comp I	(4)		NO COMPARABLE COURSE		
SPANISH 24	Span Comp II	(4)		NO COMPARABLE COURSE		
	OR			OR		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE		
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			<u>OR</u>		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
ENG CS 32A	Intro to Programming Formerly ENG CS 10	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMSC 44	Introduction to C++ Programming	(3)
			<u>OR</u>		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			<u>OR</u>		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
	<u>OR</u>			<u>OR</u>	
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(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.

 STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)

MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
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NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10			NO COMPARABLE COURSE		
	OR			OR		
ENG CS 36A	Programming Formerly ENG CS 30	(4)		COMSC 44	Introduction to C++ Programming	(3)
				OR		
				COMSC 122	Programming Concepts & Methodologies I	(3)
				OR		
				ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
	OR			OR		
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(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.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)		MATH 34	Introduction to Statistics	(4)
STATIST 32	Gateway to Data Science	(4)		NO COMPARABLE COURSE		

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

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MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
ENG CS 36C Formerly ENG CS 60	Data Structures	(4)	COMSC 132	Programming Concepts & Methodologies II	(3)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 34 Introduction to Statistics	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

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complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer 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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MATH 21A	Calculus	(4)	MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)

MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 32A	Intro to Programming(4) Formerly ENG CS 10		NO COMPARABLE COURSE		
	OR			OR	
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMSC 44	Introduction to C++ Programming	(3)
			OR		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			OR		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
	OR			OR	

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)	MATH 34	Introduction to	(4)
	Same as: STATIST 13Y			Statistics	
STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE		

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

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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 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)	MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)	MATH 75	Linear Algebra	(3)
ENG CS 32A Intro to Programming(4) Formerly ENG CS 10			NO COMPARABLE COURSE		
OR			OR		
ENG CS 36A	Programming	(4)	COMSC 44	Introduction to C++ Programming	(3)
Formerly ENG CS 30			OR		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			OR		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
OR			OR		
ENG CS 36B	Object-Oriented Program	(4)	NO COMPARABLE COURSE		
Formerly ENG CS 40					
STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
Same as: STATIST 13Y			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.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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COMUNCN 1	Intro Public Spkg	(4)		SPCH 110	Speech Communication	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Select one of the following courses:

AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 37 Applied Calculus (4)
			OR
			MATH 50 Calculus and Analytic Geometry I (4)
MATH 16B	Short Calculus	(3)	MATH 60 Calculus and Analytic Geometry II (4)

CHEM 2A	Genl Chemistry	(5)	CHEM 25 General College Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & General College Chemistry (5)
			CHEM 26 General College Chemistry (5)

PHYSICS 1A	Principles Physics	(3)	PHYS 15 Introduction to Physics (4)
			OR
			PHYS 35 & College Physics I (4)
			PHYS 36 College Physics II (4)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 21 Principles of Biology: Organismal (5)
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PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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 10 Principles of Microeconomics	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 122 Contemporary Moral Issues	(3)
	OR		OR	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 122 Contemporary Moral Issues	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6 Cultural Anthropology	(3)
	OR		OR	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A History of Political Thought: The Problem of Democracy Same as: PHIL 133	(3)
			OR	
			PHIL 133 A History of Political Thought: The Problem of Democracy Same as: POLSC 133	(3)
	OR		OR	
SOCIOLOG 1	Intro Sociology	(5)	SOCIO 15 Introduction to Sociology	(3)
	OR		OR	
SOCIOLOG 3	Social Problems	(4)	SOCIO 16 Introduction to Social Problems	(3)
TRACK II: FOOD AND SOCIETY				
PHILOS 5	Critical Reasoning	(4)	PHIL 110 Critical Thinking and Composition	(3)
	OR		OR	
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 122 Contemporary Moral Issues	(3)
	OR		OR	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 122 Contemporary Moral Issues	(3)
SOCIOLOG 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	OR		OR	
STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 34 Introduction to Statistics	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 25 General College	(5)

Chemistry

BIOLSCI 10	Everyday Biology	(4)	BIOSC 10	General Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	OR			OR	
b) ENV S&P 30	Global Ecosystem	(3)	BIOSC 7	Ecology and the Environment	(4)
	Same as: ENV SC&M 30			OR	
	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: PHIL 133	
				OR	
			PHIL 133 A	History of Political Thought: The Problem of Democracy	(3)
				Same as: POLSC 133	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
	OR			OR	
SOCIO 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
	OR			OR	
SOCIO 3	Social Problems	(4)	SOCIO 16	Introduction to Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE		
TRACK III: ECONOMICS AND POLICY					
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
				OR	
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College	(5)

Chemistry

BIOLSCI 10	Everyday Biology	(4)	BIOSC 10	General Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	OR			OR	
b) ENV S&P 30	Global Ecosystem	(3)	BIOSC 7	Ecology and the Environment	(4)
	Same as: ENV SC&M 30			OR	
	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 133 A History of Political Thought: The Problem of Democracy		
			Same as: PHIL 133		
			OR		
			PHIL 133 A History of Political Thought: The Problem of Democracy		
			Same as: POLSC 133		
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 15	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 16	Introduction to Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
e) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL 122	Contemporary Moral Issues	(3)
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 122	Contemporary Moral Issues	(3)

END OF MAJOR

- e) Students who complete PHIL 2 at Los Medanos College will receive credit at UC Davis for PHILOS 14 or 24, not both
- b) **If a student take BIOSC 7 at Los Medanos College, credit will be given at**

UC Davis for either ENV SC&M 30, or ENV S&P 10, or ENV S&P 30.

====Sustainable Environmental Design B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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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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COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing Critically about Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)
	OR			OR	
UWRITING 48	Style in the Essay	(4)	ENGL 221	Advanced Composition and Critical Thinking	(3)
	Formerly UWRITING 18				
	OR			OR	
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE		
	Formerly UWRITING 19				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 2	Place, Culture, Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Formerly Design Visualization				
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
LND ARC 70	Intro to Spacemaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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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admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	COMSC 40	Introduction to Computers	(4)
	OR			OR	
ENG CS 36A	Programming	(4)	COMSC 44	Introduction to C++ Programming	(3)
	Formerly ENG CS 30				
			OR		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			OR		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(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 10	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 11	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTHR 6	Cultural Anthropology	(3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 6	Western Art History I: Art of the Prehistoric Ancient World (350 CE)	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 7	Western Art History II: Art of the Developing World (350-1550)	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics	(4)
				<u>OR</u>		
				PHYS 35 &	College Physics I	(4)
				PHYS 36	College Physics II	(4)
	OR			OR		
PHYSICS 10	Topics, Nonscientists	(4)		PHYS 15	Introduction to Physics	(4)

PSYCH 1	General Psychology	(4)		PSYCH 11	General Psychology	(3)

SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)		MATH 34	Introduction to	(4)
	Same as: STATIST 13Y				Statistics	

TEX&CL 6	Intro Textiles	(4)		NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
TEX&CL 8	Textile Apparel Ind	(4)		NO COMPARABLE COURSE		

MGMT 11A	Elem Accounting	(4)		BUS 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)		BUS 187	Managerial Accounting	(4)

CHEM 10	Concept of Chem	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 2A	Genl Chemistry	(5)		CHEM 25	General College Chemistry	(5)

MATH 16A	Short Calculus	(3)		MATH 37	Applied Calculus	(4)
				<u>OR</u>		
				MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)		BUS 294	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)		NO COMPARABLE COURSE		
MATH 16C	Short Calculus	(3)		MATH 60	Calculus and Analytic Geometry II	(4)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is

highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English

courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)		COMSC 40	Introduction to Computers (4)
	OR			OR	
ENG CS 36A	Programming	(4)		COMSC 44	Introduction to C++ Programming (3)
Formerly ENG CS 30				OR	
				COMSC 122	Programming Concepts & Methodologies I (3)
				OR	
				ENGIN 20	Programming with C++ for Engineers and Scientists (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 10	Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 11	Principles of Macroeconomics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)		ANTHR 6	Cultural Anthropology (3)
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)		NO COMPARABLE COURSE	
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)		ART 6	Western Art History I: Art of the Prehistoric Ancient World (350 CE) (3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 7	Western Art History II: Art of the Developing World (350-1550) (3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)		NO COMPARABLE COURSE	
	OR			OR	
ARTHI 1D	Arts of Asia	(4)		NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)		PHYS 15	Introduction to Physics (4)
				OR	

			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
	OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 15	Introduction to Physics	(4)
PSYCH 1	General Psychology	(4)	PSYCH 11	General Psychology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 34	Introduction to Statistics	(4)
	Same as: STATIST 13Y				
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 294	Business Law	(3)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 &	Organic Chemistry	(5)
			CHEM 29	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 29	Organic Chemistry	(5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE		
MGMT 11A	Elem Accounting	(4)	BUS 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUS 187	Managerial Accounting	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
MATH 16C	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE		

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Theatre and Dance A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis [transfer admission webpage](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

DRAMART 21A	Fundamentals of Act	(4)		DRAMA 21	Principles of Acting	(3)
					II	

DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART 42A	Beg Ballet	(2)	NO 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

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC

transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to

fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
	OR			OR	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 &	General College Chemistry	(5)
			CHEM 26	General College Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
	AND			AND	
PHYSICS 1B	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
			OR		
			PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)
	OR			OR	

PHYSICS 7A	General Physics	(4)	PHYS 35 &	College Physics I	(4)
			PHYS 36	College Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

END OF MAJOR

===Wildlife, Fish and Conservation Biology B.S.===

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 100	College Composition	(3)
	AND			AND	
COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 130	Interpersonal Communications	(3)
	OR			OR	
DRAMART 10	Intro To Acting	(4)	DRAMA 20	Principles of Acting I	(3)

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 37	Applied Calculus	(4)
			OR		
			MATH 50	Calculus and Analytic Geometry I	(4)
MATH 16B	Short Calculus	(3)	MATH 60	Calculus and Analytic Geometry II	(4)

PHYSICS 1A	Principles Physics	(3)	PHYS 15	Introduction to Physics	(4)
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				<u>OR</u>		
					PHYS 35	& College Physics I (4)
					PHYS 36	College Physics II (4)
PHYSICS 1B	Principles Physics	(3)		PHYS 15	Introduction to Physics	(4)
				<u>OR</u>		
					PHYS 35	& College Physics I (4)
					PHYS 36	College Physics II (4)

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)		NO COMPARABLE COURSE
W&F BIO 50	Calif Wild Vertebrates	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)		CHEM 26	General College Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 28	& Organic Chemistry	(5)
				CHEM 29	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 29	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)		PHYS 35	& College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYS 35	& College Physics I	(4)
				PHYS 36	College Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYS 35	& College Physics I	(4)
				PHYS 36	College Physics II	(4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)		MATH 50	Calculus and Analytic Geometry I	(4)
MATH 21B	Calculus	(4)		MATH 60	Calculus and Analytic Geometry II	(4)
MATH 21C	Calculus	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 21D	Vector Analysis	(4)		MATH 70	Calculus and Analytic Geometry III	(4)
MATH 22A	Linear Algebra	(3)		MATH 75	Linear Algebra	(3)

MATH 22B	Differntl Equations	(3)	MATH 80	Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 25	General College Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 25 & CHEM 26	General College Chemistry General College Chemistry	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 26	General College Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 28	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 28	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 28 & CHEM 29	Organic Chemistry Organic Chemistry	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 28	Organic Chemistry	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 40	Physics for Scientists and Engineers I	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 42	Physics for Scientists and Engineers III	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 41	Physics for Scientists and Engineers II	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
ENGIN 4	Graphics in Design	(3)	ENGIN 25	Engineering Graphics	(3)
ENGIN 6	Engr Prob Solving	(4)	ENGIN 22	Programming with MATLAB for Engineers and Scientists	(4)
ENGIN 17	Circuits I	(4)	ENGIN 45	Engineering Circuit Analysis	(3)
ENGIN 35	Statics	(4)	ENGIN 36	Engineering Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGIN 30	Materials Science	(4)

ENG CS 20	C Sci/Discrete Math	(4)	MATH 160	Discrete Math	(4)
ENG CS 36A	Programming Formerly ENG CS 30	(4)	COMSC 44	Introduction to C++ Programming	(3)
			<u>OR</u>		
			COMSC 122	Programming Concepts & Methodologies I	(3)
			<u>OR</u>		
			ENGIN 20	Programming with C++ for Engineers and Scientists	(4)
ENG CS 36B	Object-Oriented Program Formerly ENG CS 40	(4)	NO COMPARABLE COURSE		
ENG CS 50	Machine Dependent Prog	(4)	COMSC 142	Computer Architecture and Organization	(3)
ENG CS 36C	Data Structures Formerly ENG CS 60	(4)	COMSC 132	Programming Concepts & Methodologies II	(3)
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)	ENGIN 38	Manufacturing Processes	(3)
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 100	College Composition	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL 230	Thinking and Writing Critically about Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)	SPCH 110	Speech Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	SPCH 130	Interpersonal Communications	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 20	Principles of Biology: Cellular Processes	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 21	Principles of Biology: Organismal	(5)
GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric	(4)	NO COMPARABLE COURSE		

END OF MAJOR