

Articulation Guide by Major
Effective during the 17-18 Academic Year

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)

a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)

a) ENGIN 4	Graphics in Design	(3)	ENGIN 120 OR ENGIN 121	Engineering Drawing Engineering Drawing/Descriptive Geometry	(3) (3)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
a) ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGIN 240	Properties of Engineering Materials	(4)

a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming	(4)

				for Engineers Using MATLAB	
	OR			OR	
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

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

a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)

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

a) This articulation is approved for engineering majors.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology (3)
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As of W17, units=5

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
			<u>OR</u>		
PSYCH 1	General Psychology	(4)	POLSC 220	Comparative Politics	(3)
			PSYCH 101	Introduction to Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)	ANTHR 135	Native Americans	(3)
N A STD 10	NA Experience	(4)	ANTHR 135	Native Americans	(3)
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and Pacific Islanders in the United States	(3)
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)	SOCSC 220	Women in United States Society	(3)
			<u>OR</u>		
			SOCIO 124	Gender, Culture and Society	(3)

TWO COURSES FROM THE FOLLOWING:

HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		
Course discontinued as of S18					
g) HISTORY 17A	U.S. History	(4)	HIST 120	History of the United States before 1865	(3)
g) HISTORY 17B	U.S. History	(4)	HIST 121	History of the United States after 1865	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE		
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE		
h) DRAMART 41A	Beg Jazz Dance	(2)	DANCE 222	Jazz Dance I	(1)
			<u>OR</u>		
			KNDAN 120A	Jazz Dance Fundamentals I	(.5-2)
DRAMART 41B	Inter Jazz Dance	(2)	DANCE 222	Jazz Dance I	(1)
DRAMART 44A	Beg Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 44B	Inter Hip Hop Dance	(2-4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MUSIC 28	Introduction to African American Music	(4)	NO COMPARABLE COURSE		

END OF MAJOR

g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128

or 170+171 - maximum credit, one series.

- h) **Students at Diablo Valley College must take KNDAN 120A for at least 1 unit to be comparable to UC Davis course.**

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

g) HISTORY 17A	U.S. History	(4)	HIST 120	History of the United States before 1865	(3)
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)

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

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

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

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	AND		AND	
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics (3)
	OR		OR	
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics (3)

k) ENVHORT 1	Intro Envhort/Urb For	(3)	HORT 110	Introduction to Horticulture and Plant Science (4)
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE	
k) PL SCI 5	Plants Gard, Orch & Land	(2)	HORT 110	Introduction to Horticulture and Plant Science (4)

FORMERLY PLANT BIO 1

ENV S&P 10	Current Issues in Environment	(3)	BIOSC 170	Environmental Science (3)
			OR	
			ENGIN 130	Energy, Society, and (3)

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

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

PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE	
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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)

m) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
GEOLOGY 20	California Geology	(2)	GEOL 125	Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)	HORT 120	Soil Science and Management	(3)

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College	(4)

	Physics I	
PHYS 121	General College	(4)
	Physics II	

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

END OF MAJOR

- g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.
- k) The Department of Environmental Horticulture at UC Davis will accept HORT 110 at Diablo Valley College in lieu of ENVHORT 1. The Department of Plant Sciences at UC Davis will accept HORT 110 at Diablo Valley College in lieu of PLT SCI 5.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

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College Foreign Language Requirement Note:

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

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AMR STD 10 Intro American Studies (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)		HIST 129 History of Asian and Pacific Islanders in the United States (3)
CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)		ANTHR 135 Native Americans (3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)		ANTHR 130 Cultural Anthropology (3)
As of W17, units=5				
SOCIOL 2	Self and Society	(4)		PSYCH 225 Social Psychology (3)
WOM STD 50	Intro Gender Studies	(4)		SOCSC 220 Women in United States Society (3)
				OR
				SOCIO 124 Gender, Culture and Society (3)

ONE COURSE FROM THE FOLLOWING:

g) HISTORY 17A	U.S. History	(4)		HIST 120 History of the United States before 1865 (3)
g) HISTORY 17B	U.S. History	(4)		HIST 121 History of the United States after 1865 (3)
g) HISTORY 72A	Am Women & Gender	(4)		HIST 170 History of Women in the United States before 1877 (3)
g) HISTORY 72B	Am Women & Gender	(4)		HIST 171 History of Women in the United States (3)

ONE COURSE FROM THE FOLLOWING:

FILM ST 1	Intro to Film Studies	(4)	FTVE 205	Introduction to Film	(3)
				and Media Arts	
	Formerly Humanities 10				

END OF MAJOR

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

Special Advising Note:

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

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life	(4)

MATH 16B	Short Calculus	(3)	MATH 183	Science and Social Science I Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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.

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

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

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not

both series.

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

Special Advising Note:

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

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 [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		
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
<hr/>					
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR		OR		
B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
<hr/>					
MGMT 11A	Elem Accounting	(4)	BUSAC 186	Financial Accounting	(4)

MGMT 11B	Elem Accounting	(4)	BUSAC 187	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

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

COMPANION ANIMALS SPECIALIZATION

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

DAIRY SPECIALIZATION

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

EQUINE SPECIALIZATION

AN SCI 15 Intro Horse Husb (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](#) 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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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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
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CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life	(4)

				Science and Social Science II
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and (5) Calculus II

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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EVOLUTIONARY EMPHASIS:					
ANTHRO 1	Human Evol Biol	(4)	ANTHR 140	& Biological Anthropology	(3)
			ANTHR 141L	Biological Anthropology Laboratory	(1)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
1) ANTHRO 3	Intr to Archaeology	(4)	ANTHR 125	Introduction to Archaeology and Prehistory	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		
1) ANTHRO 23	Intr World Prehist	(4)	ANTHR 125	Introduction to Archaeology and Prehistory	(3)
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
ANTHRO 54	Intro to Primatology	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
			ANTHR 115	Primate Evolution and Adaptation	(3)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 142	Elementary Statistics (4) with Probability
			<u>OR</u>	
			BUS 240	Business Statistics (3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science				
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
<u>SOCIOCULTURAL EMPHASIS:</u>				
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology (3)
As of W17, units=5				

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)	ANTHR 140	<u>&</u> Biological (3) Anthropology
			ANTHR 141L	Biological (1) Anthropology Laboratory
1) ANTHRO 3	Intr to Archaeology	(4)	ANTHR 125	Introduction to (3) Archaeology and Prehistory
ANTHRO 4	Anthro Linguistics	(4)	ENGL 124	The Nature of (3) Language: An Introduction to Linguistics

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

END OF MAJOR

1) Students who complete ANTHR 125 at Diablo Valley College will receive credit at UC Davis for ANTHRO 3 OR ANTHRO 23, not both.

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

Special Advising Note:

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

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

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ANTHRO 1	Human Evol Biol	(4)	ANTHR 140 &	Biological Anthropology	(3)
			ANTHR 141L	Biological Anthropology Laboratory	(1)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
1) ANTHRO 3	Intr to Archaeology	(4)	ANTHR 125	Introduction to Archaeology and Prehistory	(3)
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College	(5)

				Chemistry II	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

RECOMMENDED COURSES FOR THIS MAJOR:

ANTHRO 15	Human Life Cycle	(5)	NO COMPARABLE COURSE		
ANTHRO 50	Evolution and Human Nature	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
m) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)

END OF MAJOR

- l) Students who complete ANTHR 125 at Diablo Valley College will receive credit at UC Davis for ANTHRO 3 OR ANTHRO 23, not both.
- m) **If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.**

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

Or high school equivalent

MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and	(5)
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MATH 22B	Differntl Equations	(3)	Calculus III	
MATH 25	Advanced Calculus	(4)	MATH 294 Differential Equations	(5)
			NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
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or equivalent basic knowledge of MATLAB.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 194	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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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 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
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As of F18, Course Number = ENG CS 36B

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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

OR			Macroeconomics	
			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
			PHYS 231	Physics for Engineers (4) and Scientists C: Optics and Modern Physics
OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science				
STATIST 100	Applied Stats for Bio Sci	(4)	This course must be taken at UC Davis	

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
OR			OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
DEPENDING ON AREA OF CONCENTRATION:					
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
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PHYSICS 80	Experimental Techniques	(4)			
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ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

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.

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
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As of F18, Course Number = ENG CS 36B

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
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PHYSICAL OCEANOGRAPHY CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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 2016-18 [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)	ARTHS 195	History of Prehistoric and Ancient Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS 196	History of Medieval and Renaissance Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to 20th Century Art	(3)
ARTHI 1D	Arts of Asia	(4)	ARTHS 193	History of Asian Art	(3)
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not		

Architecture			submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	ARTHS 199	Contemporary Art History	(3)
ARTHI 25	Understanding Architecture	(4)	ARCHI 158	History of World Architecture: 18th Century to Present	(3)

ONE ART STUDIO COURSE FROM:

d) ART 2	Beginning Drawing	(4)	ART 105	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 102	Introduction to Sculpture and Three-Dimensional Design	(3)
			<u>OR</u>		
ART 7	Beginning Painting	(4)	ART 138	Sculpture I	(3)
			ART 126	Painting I: Introduction to Painting	(3)
			<u>OR</u>		
			ART 126A & A	Introduction to Oil/Acrylic Painting	(1.5)
			ART 126B	Introduction to Oil/Acrylic Painting B	(1.5)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	ART 160	Photography I	(3)
ART 11	Beginning Printmaking	(4)	ART 110	Introduction to Printmaking	(3)
ART 12	Beginning Video	(4)	FTVE 160	Introduction to Film Production	(3)
			<u>OR</u>		
			FTVE 161	Intermediate Film Production	(3)
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

d) The Art Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of ART 2. The Design Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of DESIGN 15.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

FOUR COURSES FROM THE FOLLOWING:

d) ART 2	Beginning Drawing	(4)	ART 105	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 102	Introduction to Sculpture and Three-Dimensional Design	(3)
			OR		
ART 7	Beginning Painting	(4)	ART 138	Sculpture I	(3)
			ART 126	Painting I: Introduction to Painting	(3)
			OR		
			ART 126A &	Introduction to Oil/Acrylic Painting A	(1.5)
			ART 126B	Introduction to Oil/Acrylic Painting B	(1.5)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE		
ART 9	Beginning Photography	(4)	ART 160	Photography I	(3)
ART 11	Beginning Printmaking	(4)	ART 110	Introduction to Printmaking	(3)
ART 12	Beginning Video	(4)	FTVE 160	Introduction to Film Production	(3)
			OR		
			FTVE 161	Intermediate Film Production	(3)

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		
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ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS 195	History of Prehistoric and Ancient Art (3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS 196	History of Medieval and Renaissance Art (3)
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to 20th Century Art (3)
ARTHI 1D	Arts of Asia	(4)	ARTHS 193	History of Asian Art (3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 5	Visual Culture	(4)	ARTHS 199	Contemporary Art History (3)
ARTHI 25	Understanding Architecture	(4)	ARCHI 158	History of World Architecture: 18th Century to Present (3)

END OF MAJOR

d) The Art Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of ART 2. The Design Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of DESIGN 15.

====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 2016-18

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

A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and Pacific Islanders in the United States	(3)
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE		
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE		
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE		
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE		
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE		
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE		
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE		
AMR STD 10	Intro American Studies	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE		
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE		
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: FD S&T 55					
AMR STD 59	Music and American Culture	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 30	US Poli & Chicanos	(4)	HIST 125	History of the United States: A Mexican American Perspective	(3)
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHICANO 50	Chicano Culture	(4)	PSYCH 141	Psychology of Latinos/Chicanos in the U.S.	(3)
CHICANO 60	Chicana and Chicano	(4)	NO COMPARABLE COURSE		

CHICANO 65	Representn in Cinema New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	ANTHR 135 Native Americans (3)
N A STD 5	Intro NA Literature	(4)	ENGL 164 Native American Literatures (3)
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)	ANTHR 135 Native Americans (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)	MUSIC 116 Native American Music of the Americas (3)
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	SOCSC 220 Women in United States Society (3)
			<u>OR</u>
			SOCIO 124 Gender, Culture and Society (3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:			
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COMPARABLE COURSE
ARTHI 5	Visual Culture	(4)	ARTHS 199 Contemporary Art History (3)
ART 10	Fine Art Appreciation	(3)	NO COMPARABLE COURSE
As of W17, units = 4			
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
N A STD 46	Orientation to Research in NAS	(4)	NO COMPARABLE COURSE
PHILOS 5	Critical Reasoning	(4)	PHILO 130 Logic and Critical Thinking (3)
			<u>OR</u>
			ENGL 126 Critical Thinking: The Shaping of Meaning in Language (3)
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 215 Introduction to Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123 Introduction to Social Research (3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 144 Statway II (4)
Same as: STATIST 13Y			
			<u>OR</u>
			MATH 142 Elementary Statistics with Probability (4)
			<u>OR</u>
			BUS 240 Business Statistics (3)

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 2016-18 [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 120	General College Chemistry I	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)

ENG CS 30	Programming&Prob Solving	(4)		COMSC 110	Introduction to Programming	(4)
				<u>OR</u>		
				COMSC 165	Advanced Programming with C and C++	(4)
				<u>OR</u>		
				COMSC 255	Programming with Java	(4)
				<u>OR</u>		
				ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

MATH 21A	Calculus	(4)		MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)		MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 294	Differential Equations	(5)

ATM SCI 60	Intro to Atmospheric Science	(4)		NO COMPARABLE COURSE
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PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 142	Elementary Statistics (4) with Probability
			<u>OR</u>	
			BUS 240	Business Statistics (3)

PREPARATION FOR GRADUATION:

ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming (4) for Engineers Using MATLAB
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END OF MAJOR

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)		MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)		PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
				PHYS 231	Physics for Engineers and Scientists C:	(4)

					Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)	
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)	
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)	
			CHEM 121	General College Chemistry II	(5)	
a) CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)	
a) CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)	
a) CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)	
			CHEM 227	Organic Chemistry II	(5)	
a) CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)	
a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)	
ENG CHM 60	Engineering Problem Solv	(4)				
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)	
			<u>OR</u>			
			COMSC 165	Advanced Programming with C and C++	(4)	
			<u>OR</u>			
			COMSC 255	Programming with Java	(4)	
			<u>OR</u>			
			ENGIN 135	Programming for Scientists and Engineers	(4)	
	<u>OR</u>		<u>OR</u>			
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)	

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

a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)	
	<u>OR</u>		<u>OR</u>			
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)	

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

REQUIRED FOR GRADUATION:

- a) ENG CHM 51 Material Balances (4) | NO COMPARABLE COURSE
a) ENG CHM 80 Chem Engr Profession (1) | NO COMPARABLE COURSE
-

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

- a) This articulation is approved for engineering majors.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

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

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)
				Calculus III	

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2018-19)

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

	Earth				Cellular and Molecular Biology	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)	

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)	
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)	
			CHEM 121	General College Chemistry II	(5)	

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)	
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)	
			CHEM 227	Organic Chemistry II	(5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)	

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE			
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE			
	OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)	

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)	
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)	
	OR			OR		
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General College Physics II	(4)	
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General College Physics II	(4)	
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General 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 121	General College Chemistry II	(5)

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

END OF MAJOR					

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)
				Calculus II	

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College	(4)
				Physics I	
			PHYS 121	General College	(4)
				Physics II	
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College	(4)
				Physics I	
			PHYS 121	General College	(4)
				Physics II	
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College	(4)
				Physics I	
			PHYS 121	General College	(4)
				Physics II	

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 292	Analytic Geometry and	(5)
				Calculus III	

END OF MAJOR

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.**

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)		MATH 192	Analytic Geometry and	(5)
					Calculus I	
a) MATH 21B	Calculus	(4)		MATH 193	Analytic Geometry and	(5)
					Calculus II	
a) MATH 21C	Calculus	(4)		MATH 292	Analytic Geometry and	(5)
					Calculus III	
a) MATH 21D	Vector Analysis	(4)		MATH 292	Analytic Geometry and	(5)
					Calculus III	
a) MATH 22A	Linear Algebra	(3)		MATH 194	Linear Algebra	(3)

a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
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a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
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a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
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a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
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a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
a) ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)
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a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)

Only courses comparable to UWP 1 can be used to satisfy the lower-division composition requirement for Biological Systems Engineering students. One of the two courses taken to satisfy University of California admission requirements must be comparable to UWP 1.

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
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a) COMUNCN 3	OR Intprsnl Com Cmpetnce	(4)	COMM 128	OR Interpersonal Communication	(3)

REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief OR	(2)		CHEM 226	Organic Chemistry I OR	(5)
a) CHEM 118A	Org Chem, Hlth & Sci AND	(4)		CHEM 226	Organic Chemistry I AND	(5)
a) CHEM 8B	Organic Chem-Brief OR	(4)		CHEM 227	Organic Chemistry II OR	(5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 226 & CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)

a) ENG BS 1	Biosys Engr Fndts	(4)		NO COMPARABLE COURSE		
a) ENG BS 75	Prop Mat in Bio Sys	(4)		NO COMPARABLE COURSE		

a) BIOLSCI 2B	Intro Biology: Ecology & Evolution AND	(5)		BIOSC 131	Principles of Organismal Biology, Evolution and Ecology AND	(5)
a) BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

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

a) This articulation is approved for engineering majors.

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differential Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers	(4)

			PHYS 231	and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College (5) Chemistry I
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College (5) Chemistry I
			CHEM 121	General College (5) Chemistry II
a) CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College (5) Chemistry II
a) CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I (5)
a) CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 227	Organic Chemistry II (5) OR
a) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I (5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I (5)
			CHEM 227	Organic Chemistry II (5)
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming (4) for Engineers Using MATLAB
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to (4) Circuits and Devices
a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of (5) Cellular and Molecular Biology
a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: (3) Composition and Reading
	OR			OR
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: (3) Composition and Literature

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

REQUIRED FOR GRADUATION:

a) BIMEDEN 1	Intro Biomedical Engr	(2)	NO COMPARABLE COURSE
a) BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE

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

a) This articulation is approved for engineering majors.

====Biotechnology 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. 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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
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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 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
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OR					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
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OR					
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
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MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Managaement, Life	(4)

MATH 16B	Short Calculus	(3)	MATH 183	Science and Social Science I Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)

j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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.

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	MATH 195	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
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As of F18, Course Number = ENG CS 36B

ENG CS 50	Machine Dependent Prog	(4)	COMSC 260	Assembly Language Programming/Computer Organization	(4)
ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)

As of F18, Course Number = ENG CS 36C

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not

both series.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 292	Analytic Geometry and Calculus III	(5)
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END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)		MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)		PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
				PHYS 231	Physics for Engineers and Scientists C:	(4)

					Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)	
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)	
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)	
			CHEM 121	General College Chemistry II	(5)	
a) CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)	
a) CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)	
a) CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)	
			CHEM 227	Organic Chemistry II	(5)	
a) CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)	
ENG CHM 60	Engineering Problem Solv	(4)				
	OR			OR		
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)	
			OR			
			COMSC 165	Advanced Programming with C and C++	(4)	
			OR			
			COMSC 255	Programming with Java	(4)	
			OR			
			ENGIN 135	Programming for Scientists and Engineers	(4)	
	OR			OR		
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)	

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

ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)	
	OR			OR		
ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)	
	OR			OR		
a) ENGIN 45	Prop of Mats	(4)	ENGIN 240	Properties of Engineering Materials	(4)	
a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)	
	OR			OR		
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)	

For certain majors, the College of Engineering requires one English course as

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

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 130	Principles of Cellular and Molecular Biology	(5)
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REQUIRED FOR GRADUATION:

a) ENG CHM 51	Material Balances	(4)		NO COMPARABLE COURSE
a) ENG CHM 80	Chem Engr Profession	(1)		NO COMPARABLE COURSE

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

a) This articulation is approved for engineering majors.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)

CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for	(4)

MATH 16B	Short Calculus	(3)	MATH 183	Management, Life Science and Social Science I	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)

MATH 21D	Vector Analysis	(4)	MATH 292	Calculus III Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 227	Organic Chemistry II	(5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
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END OF MAJOR

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)		CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 121	General College Chemistry II	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

j) PHYSICS 7A	General Physics	(4)		PHYS 120 &	General College Physics I	(4)
				PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)		PHYS 120 &	General College Physics I	(4)
				PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)		PHYS 120 &	General College Physics I	(4)
				PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
				PHYS 231	Physics for Engineers and Scientists C: Optics and Modern	(4)

			Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4)
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MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I (4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II (4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II (4)
OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I (5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II (5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III (5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology (5)
<hr/>				
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
Same as: STATIST 13Y			OR	
			MATH 142	Elementary Statistics with Probability (4)
			OR	
			BUS 240	Business Statistics (3)
OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science				
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I (5)
			CHEM 227	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II (5)
OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I (5)
			CHEM 227	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I (5)
			CHEM 227	Organic Chemistry II (5)
<hr/>				
END OF MAJOR				

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)		CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 121	General College Chemistry II	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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j) PHYSICS 7A	General Physics	(4)		PHYS 120 & General College Physics I (4)
				PHYS 121 General College Physics II (4)

j) PHYSICS 7B	General Physics	(4)		PHYS 120 & General College Physics I (4)
				PHYS 121 General College Physics II (4)

j) PHYSICS 7C	General Physics	(4)		PHYS 120 & General College Physics I (4)
				PHYS 121 General 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 130 Physics for Engineers and Scientists A: Mechanics and Wave Motion (4)
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PHYSICS 9B	Classical Physics	(5)		PHYS 230 & Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4)
				PHYS 231 Physics for Engineers and Scientists C: Optics and Modern Physics (4)

PHYSICS 9C	Classical Physics	(5)		PHYS 230 Physics for Engineers and Scientists B: Heat and Electro-Magnetism (4)
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MATH 16A	Short Calculus	(3)		MATH 182 Calculus for Management, Life Science and Social Science I (4)
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MATH 16B	Short Calculus	(3)		MATH 183 Calculus for Management, Life Science and Social Science II (4)
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MATH 16C	Short Calculus	(3)		MATH 183 Calculus for Management, Life Science and Social Science II (4)
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OR

OR

MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE

OR

OR

MATH 21A	Calculus	(4)		MATH 192 Analytic Geometry and Calculus I (5)
MATH 21B	Calculus	(4)		MATH 193 Analytic Geometry and (5)

MATH 21C	Calculus	(4)	MATH 292	Calculus II Analytic Geometry and Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(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 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
	<u>OR</u>		<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
	<u>OR</u>		<u>OR</u>		
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE	
CHICANO 50	Chicano Culture	(4)	PSYCH 141 Psychology of Latinos/Chicanos in the U.S.	(3)
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE	
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE	
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5)	SPAN 120 First Term Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 120 & First Term Spanish	(5)
			SPAN 121 Second Term Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 121 Second Term Spanish	(5)
	OR		OR	
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE	
CHICANO 50	Chicano Culture	(4)	PSYCH 141 Psychology of	(3)
			Latinos/Chicanos in	
			the U.S.	
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not	
			submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
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CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)	PSYCH 215 Introduction to Research Methods in Psychology (3)
SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123 Introduction to Social Research (3)

SPANISH 1	Elementary Spanish	(5)	SPAN 120 First Term Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN 120 <u>&</u> First Term Spanish (5)
			SPAN 121 Second Term Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN 121 Second Term Spanish (5)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
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SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
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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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

x) CHINESE 1	Elem Chinese	(5)	CHIN 120	First Term Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 3	Elem Chinese	(5)	CHIN 121	Second Term Mandarin Chinese	(5)
x) CHINESE 4	Inter Chinese	(5)	CHIN 220	Third Term Mandarin Chinese	(5)
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 6	Inter Chinese	(5)	CHIN 221	Fourth Term Mandarin Chinese	(5)
			OR		
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			OR		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: JPNESE 50					
COMPLIT 14	Intro Poetry	(3)	ENGL 153	Contemporary Poetry	(3)
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE		
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An	(3)

c) HISTORY 9A	East Asian Civ	(4)			Introduction to Linguistics	
				HIST 150	History of East Asia (to 1600)	(3)
				<u>OR</u>		
				HIST 151	History of East Asia (from 1600 - Present)	(3)

END OF MAJOR

- x) **Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.**
- c) **If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.**

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://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 2016-18

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

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

p) CINE&TS 20	Filmmaking Foundations	(5)	ARTDM 149 Fundamentals of Digital Video (3)
OR			
FTVE 160 & Introduction to Film Production (3)			
FTVE 161 Intermediate Film Production (3)			

Select two of the following courses:

CINE&TS 40A	Media History I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&TEC 40A			
CINE&TS 40B	Media History 2	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&TEC 40B			
CINE&TS 41A	Cinema Hist 1895-1945	(4)	FTVE 281 World Cinema 1900-1960 (3)
CINE&TS 41B	Cinema Hist 1945 to the Present	(4)	NO COMPARABLE COURSE
FILM ST 45	Vampires	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: GERMAN 45			

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	FTVE 205 Introduction to Film and Media Arts (3)
Formerly Humanities 10			
TCULST 1	Intro Technocultural Studies	(4)	NO COMPARABLE COURSE
TCULST 5	Media Archaeology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

p) Students at DVC who take ARTDM 149 may receive credit at UCD for either CINE&TS 20 or TCULST 7B AND 7C, not both.

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and	(5)

					Calculus III	
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)	
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)	

a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)	
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)	
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)	
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)	

a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)	
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)	
			CHEM 121	General College Chemistry II	(5)	

a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)	
a) ENG CS 30	OR Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)	
			OR COMSC 165	Advanced Programming with C and C++	(4)	
			OR COMSC 255	Programming with Java	(4)	
			OR ENGIN 135	Programming for Scientists and Engineers	(4)	

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

a) ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)	
a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)	
a) ENGLISH 3	OR Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)	

For certain majors, the College of Engineering requires one English course as

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)

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

a) This articulation is approved for engineering majors.

====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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS 195	History of Prehistoric and Ancient Art	(3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE		
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE		
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE		
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CLASSIC 10	Gr, Roman, N East Myth	(3)	NO COMPARABLE COURSE		
CLASSIC 15	Women & Gender in Classical Antiquity	(4)	NO COMPARABLE COURSE		
CLASSIC 20	Pompeii AD 79	(4)	NO COMPARABLE COURSE		
CLASSIC 25	Classical America	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE		
	Same as: SCI&TEC 50				
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 272	Early World Literature	(3)
PHILOS 21	Phil: Ancient	(4)	PHILO 224	History of Western Philosophy: Pre-Socratic to Medieval Period	(3)

As of F17, title = Phil Classics: Ancient

REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
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As of F18, title = The Bible

REL STD 40	New Testament	(4)	NO COMPARABLE COURSE
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END OF MAJOR

====Classical Civilization (Classical Languages & Literature) A.B.====
Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
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COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
<hr/>					
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
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CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to Social Problems	(3)
			OR		
			SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 170	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Emphasis 1: Computational

ENG CS 20	C Sci/Discrete Math	(4)	MATH 195	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
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As of F18, Course Number = ENG CS 36B

ENG CS 50	Machine Dependent Prog	(4)	COMSC 260	Assembly Language Programming/Computer Organization	(4)
ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)

As of F18, Course Number = ENG CS 36C

LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
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MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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PHILOS 12	Intro to Symbol Logic	(4)	PHILO 170	Symbolic Logic	(3)
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
<u>Emphasis 2: Neuroscience</u>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College	(4)

OR			Physics II OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to (3) Psychology
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to (3) Research Methods in Psychology

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
Same as: STATIST 13Y			<u>OR</u> MATH 142	Elementary Statistics (4) with Probability
			<u>OR</u> BUS 240	Business Statistics (3)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 4	Anthro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)
	OR			OR	
COMUNCN 5	Global English Comm	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: LINGUIS 5				OR	
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		
			COMM 180	Introduction to Communication Theory	(3)
B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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)	PHILO 170	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
END OF MAJOR					

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient World	(4)	ENGL 272	Early World Literature	(3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 272 & ENGL 273	Early World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 273	Late World Literature	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
N A STD 5	Intro NA Literature	(4)	ENGL 164	Native American Literatures	(3)
UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
UWRITING 19	Wrtg Research Papers	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 49					

CM&RGDE 1	The Community	(4)		NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)		SOCIO 131	The Urban Community (3)

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

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 221	Principles of Microeconomics (3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)		ECON 220	Principles of Macroeconomics (3)

ANTHRO 2	Cultural Anthropology	(4)		ANTHR 130	Cultural Anthropology (3)
As of W17, units=5					
	OR			OR	
SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology (3)

STATIST 13	Elementary Statistics	(4)		MATH 144	Statway II (4)
Same as: STATIST 13Y				OR	
				MATH 142	Elementary Statistics with Probability (4)
				OR	
				BUS 240	Business Statistics (3)
	OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science					
	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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 272	Early World Literature (3)
	OR			OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 272 & ENGL 273	Early World Literature (3) Late World Literature (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 273	Late World Literature (3)
	OR			OR
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE	

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	ENGL 272	Early World Literature (3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 272 & ENGL 273	Early World Literature (3) Late World Literature (3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 273	Late World Literature (3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE	
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE	
COMPLIT 6	Myths & Legends	(4)	ENGL 170	World Mythology (3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE	
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE	
COMPLIT 9	Short Story & Novella	(4)	ENGL 151	The Short Story (3)
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not	

Same as: GERMAN 11			submitted course(s) for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	DRAMA 181 Literature of World (3) Drama: 17th Century to Present
COMPLIT 14	Intro Poetry	(3)	ENGL 153 Contemporary Poetry (3)
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

END OF MAJOR

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differential Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat	(4)

					and Electro-Magnetism	
a) PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)	
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)	
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)	
a) ENG CS 20	C Sci/Discrete Math	(4)	MATH 195	Discrete Mathematics	(4)	
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)	
			<u>OR</u>			
			COMSC 165	Advanced Programming with C and C++	(4)	
			<u>OR</u>			
			COMSC 255	Programming with Java	(4)	
			<u>OR</u>			
			ENGIN 135	Programming for Scientists and Engineers	(4)	
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)	
a) ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)	
a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)	
	<u>OR</u>			<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)	

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)	
	<u>OR</u>			<u>OR</u>		
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)	

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

a) **This articulation is approved for engineering majors.**

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

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 2016-18 [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 2016-2018 [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.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
a) ENG CS 20	C Sci/Discrete Math	(4)	MATH 195	Discrete Mathematics	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for	(4)

a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Scientists and Engineers Object Oriented Programming C++	(4)
a) ENG CS 50	Machine Dependent Prog	(4)	COMSC 260	Assembly Language Programming/Computer Organization	(4)
a) ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)
<hr/>					
a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
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Only Communication 1 can be used to satisfy the communications requirement for this major. No credit will be allowed for Communication 3.

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

a) This articulation is approved for engineering majors.

====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.

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

Beginning fall 2018, all applicants to Computer Science will also be required to complete Engineering Computer Science (ENG CS) 50 and ENG CS 60 as part of the selective course group currently requiring a 3.40 GPA and including ENG CS 20 and 30.

Please visit the [Computer Science website](#) for additional tips on preparing for your transfer into this major.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. 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 2016-18

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

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	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 195	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)	COMSC 260	Assembly Language Programming/Computer Organization	(4)
ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)
As of F18, Course Number = ENG CS 36C					

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.

ONE OF THE FOLLOWING GROUPS:

Group One:

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	

Group Two:

CHEM 2A	Genl Chemistry	(5)		CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 130	Principles of Cellular and Molecular Biology	(5)
	OR				OR	

Group Three:

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

Group Four:

PHYSICS 9A	Classical Physics	(5)		PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)		PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
				PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)		PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
MATH 21D	Vector Analysis	(4)		MATH 292	Analytic Geometry and Calculus III	(5)

END OF MAJOR**====Design A.B.====****Special Advising Note:**

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

DESIGN 31	Photo for Designers	(4)		ART 160	Photography I	(3)
				OR		
				ART 161	Photography II	(3)

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

DESIGN 1	Intro to Design	(4)		NO COMPARABLE COURSE		
DESIGN 14	Design Drawing	(4)		ART 106	Drawing II	(3)
	OR			OR		
DESIGN 21	Drafting and Perspective	(4)		ARCHI 130	Architectural Graphics I	(3)

d) DESIGN 15	Form & Color	(4)		ART 105	Drawing I	(3)
	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		

ONE COURSE FROM THE FOLLOWING:

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

ART 12	Beginning Video	(4)	FTVE 160	Introduction to Film Production	(3)
			OR		
			FTVE 161	Intermediate Film Production	(3)
DESIGN 37	Coding for Designers	(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 COMPARABLE COURSE		
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 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48			OR		
UWRITING 19	Wrtg Research Papers	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 49					
END OF MAJOR					

d) The Art Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of ART 2. The Design Department at UC Davis will accept ART 105 at Diablo Valley College in lieu of DESIGN 15.

====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](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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

c) HISTORY 9A	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			OR		
			HIST 151	History of East Asia (from 1600 - Present)	(3)
c) HISTORY 9B	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			OR		
			HIST 151	History of East Asia (from 1600 - Present)	(3)

ONE COURSE FROM THE FOLLOWING:

ARTHI 1D	Arts of Asia	(4)	ARTHS 193	History of Asian Art	(3)
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
COMPLIT 53A	Lit of East Asia	(4)	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 120	First Term Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		

	OR		OR
y) JPNESE 1	Elem Japanese	(5) JAPAN 120	First Term Japanese (5)
y) JPNESE 2	Elem Japanese	(5) JAPAN 120 &	First Term Japanese (5)
		JAPAN 121	Second Term Japanese (5)

END OF MAJOR

- c) If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.
- x) Transfer students must take a UC Davis placement exam in Chinese language before enrolling in UC Davis Chinese language courses; duplication of coursework may result.
- y) Transfer students must take a UC Davis placement exam in Japanese language before enrolling in UC Davis Japanese language courses; duplication of credit may result.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)
OR			OR		
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College	(4)

			PHYS 121	Physics I General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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.

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

PREPARATION FOR GRADUATION:

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

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
	OR		OR		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)
				Calculus II	

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

MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)
				Calculus III	
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
END OF MAJOR					

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
a) ENG CS 30	Programming&Prob	(4)	COMSC 110	Introduction to	(4)

Solving

Programming

OR

COMSC 165

Advanced Programming (4)
with C and C++OR

COMSC 255

Programming with Java (4)

OR

ENGIN 135

Programming for (4)
Scientists and
Engineers**REQUIRED FOR GRADUATION:**

a) ENGIN 6	Engr Prob Solving	(4)		ENGIN 136	Computer Programming (4) for Engineers Using MATLAB
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a) UWRITING 1	Expository Writing	(4)		ENGL 122	Freshman English: (3) Composition and Reading
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OR

a) ENGLISH 3	Intro to Lit	(4)		ENGL 123	Critical Thinking: (3) Composition and Literature
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For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English composition for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg	(4)		COMM 120	Public Speaking (3)
	<u>OR</u>				<u>OR</u>
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 128	Interpersonal (3) Communication

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

a) This articulation is approved for engineering majors.

====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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
<hr/>					
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 252	Early English Literature	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL 262	Survey of American Literature I (First Contact - 1865)	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 253	Survey of Late English Literature	(3)
			OR		
			ENGL 263	Survey of American Literature II (1865 - Present)	(3)

ONE COURSE FROM THE FOLLOWING:

e) ENGLISH 40	Intro Topics in Lit	(4)	ENGL 175	Science Fiction and Fantasy Literature	(3)
i)			<u>OR</u>		
			ENGL 190	Multicultural Literature by American Women	(3)
			<u>OR</u>		
			ENGL 253	Survey of Late English Literature	(3)
ENGLISH 43	Intro Topics in Drama	(4)	.		
			ENGL 180	Drama and Performance as Literature	(3)
			<u>OR</u>		
			DRAMA 181	Literature of World Drama: 17th Century to Present	(3)
e) ENGLISH 44	Intro Topics in Fiction	(4)	ENGL 190	Multicultural Literature by American Women	(3)
			<u>OR</u>		
			ENGL 253	Survey of Late English Literature	(3)
ENGLISH 45	Intro Topics in Poetry	(4)	ENGL 153	Contemporary Poetry	(3)

END OF MAJOR

- e) **Students at Diablo Valley College who take English 190 may receive credit for either UC Davis English 40 or UC Davis English 44, not both.**
i) **Students at Diablo Valley College who take English 253 may receive credit for either UC Davis English 40 or English 44 or English 10C.**

====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 2016-18 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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College	(5)
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				Chemistry I	
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
	OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
	OR			OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		

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

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)

MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
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PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
<hr/>					
ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)
<hr/>					
ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)
OR			OR		
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

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

ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
<hr/>					
OR			OR		
UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
<hr/>					
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
	OR			OR	

f) GEOLOGY 50 Physical Geology (3) | GEOL 120 Physical Geology (3)
m) |

END OF MAJOR

- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.
- f) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

k) ENVHORT 1	Intro Envhort/Urb For	(3)	HORT 110	Introduction to Horticulture and Plant Science	(4)
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I and II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
ENV S&P 10	Current Issues in	(3)	BIOSC 170	Environmental Science	(3)

Environment			<u>OR</u>	ENGIN 130	Energy, Society, and the Environment	(3)
ENV S&P 10 not open for credit to students who have completed ENV S&P 1						
			<u>OR</u>			
ENV S&P 30	Global Ecosystem	(3)		NO COMPARABLE COURSE		
Same as: ENV SC&M 30						

j) PHYSICS 1A	Principles Physics	(3)		PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)		PHYS 121	General College Physics II	(4)

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

MATH 16A	Short Calculus	(3)		MATH 182	Calculus for Management, Life Science and Social Science I	(4)
			<u>OR</u>			
STATIST 13	Elementary Statistics	(4)		MATH 144	Statway II	(4)
Same as: STATIST 13Y						
				<u>OR</u>		
				MATH 142	Elementary Statistics with Probability	(4)
				<u>OR</u>		
				BUS 240	Business Statistics	(3)

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

<u>URBAN LANDSCAPE MANAGEMENT OPTION</u>						
SCI&SOC 18	GIS & Society	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

- k) The Department of Environmental Horticulture at UC Davis will accept HORT 110 at Diablo Valley College in lieu of ENVHORT 1. The Department of Plant Sciences at UC Davis will accept HORT 110 at Diablo Valley College in lieu of PLT SCI 5.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18

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

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)
	OR			OR	
o) DRAMART 10	Intro To Acting	(4)	DRAMA 122	Basic Principles of Acting	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOSC 101	Fundamentals of Biological Science	(3)
			OR		
			BIOSC 102	Fundamentals of Biological Science with Laboratory	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
	OR			OR	
CHEM 10	Concept of Chem	(4)	CHEM 106	Chemistry for Non-Science Majors	(4)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
	OR			OR	

CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
	OR			OR	
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)

ONE COURSE FROM THE FOLLOWING:

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

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	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		

m) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
PL SCI 12	Plants and Society	(4)	NO COMPARABLE COURSE		
Same as: SCI&SOC 12					
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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MATH 16A	Short Calculus	(3)	MATH 182	Calculus for	(4)
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MATH 16B	Short Calculus	(3)	MATH 183	Calculus for	(4)
				Management, Life	
				Science and Social	
				Science I	
				Calculus for	
				Management, Life	
				Science and Social	
				Science II	

OR

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
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MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
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OR

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and	(5)
				Calculus I	

MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)
				Calculus II	

POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to	(3)
				United States	
				Government	

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y					

OR

MATH 142	Elementary Statistics	(4)
	with Probability	

OR

BUS 240	Business Statistics	(3)
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OR

STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

CLIMATE CHANGE POLICY AREA:

SCI&SOC 25	Global Climate Change	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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END OF MAJOR

- o) Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)
	OR			OR	
o) DRAMART 10	Intro To Acting	(4)	DRAMA 122	Basic Principles of Acting	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

m) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
	OR			OR	
f) GEOLOGY 50 m)	Physical Geology	(3)	GEOL 120	Physical Geology	(3)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)
	OR			OR	
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)

			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 221	Principles of Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

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

WATERSHED SCIENCE TRACK:

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

GEOLOGY 35	Rivers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE
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END OF MAJOR

- o) Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.
- f) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)

			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	AND			AND	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not**

both series.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)
				Calculus II	

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College	(4)
				Physics I	
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College	(4)
				Physics II	

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)
				Calculus III	

END OF MAJOR

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.**

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College	(5)
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				Chemistry I	
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 292	Analytic Geometry and Calculus III	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences is suspended for 2018-19 and TAGs will not be available. The minor in Fiber and Polymer Science remains available to applicants; however, the Textiles and Clothing major previously encouraged for applicant consideration is now suspended for 2018-19.

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 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

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 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)

MATH 21C	Calculus	(4)	MATH 292	Calculus II Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 144 <u>OR</u> MATH 142 <u>OR</u> BUS 240	Statway II Elementary Statistics with Probability Business Statistics	(4) (4) (3)

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

TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
OR			OR		
ENGIN 45	Prop of Mats	(4)	ENGIN 240	Properties of Engineering Materials	(4)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
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CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
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END OF MAJOR

- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
	AND			AND	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
	AND			AND	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
	AND			AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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.					

FD S&T 50	Intro Food Preservation	(3)	NO COMPARABLE COURSE		

NUTR 10	Discoveries and Concepts	(3)	NUTRI 115	Nutrition and Health: Personal Applications	(3)
			OR		
			NUTRI 160	Nutrition: Science and Applications	(3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
	AND			AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
	AND			AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 227	Organic Chemistry II	(5)

END OF MAJOR

- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

FRENCH 1	Elementary French	(5)	FRNCH 120	First Term French	(5)
FRENCH 2	Elementary French	(5)	FRNCH 120 & FRNCH 121	First Term French	(5)
				Second Term French	(5)
FRENCH 3	Elementary French	(5)	FRNCH 121	Second Term French	(5)
FRENCH 21	Intermed French	(5)	FRNCH 220	Third Term French	(5)
FRENCH 22	Intermed French	(5)	FRNCH 220 & FRNCH 221	Third Term French	(5)
				Fourth Term French	(5)
FRENCH 23	Intermed French	(5)	FRNCH 221 & FRNCH 230	Fourth Term French	(5)
				Fifth Term French	(3)
			FRNCH 231	Sixth Term French	(3)
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

WOM STD 50	Intro Gender Studies	(4)	SOCSC 220	Women in United States Society	(3)
			OR		
			SOCIO 124	Gender, Culture and Society	(3)
WOM STD 60	Feminist Critiques	(4)	NO COMPARABLE COURSE		
WOM STD 70	Sexual:Thry&Hist	(4)	NO COMPARABLE COURSE		

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE		
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE		
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED:	College has not submitted course(s)for articulation	
A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and Pacific Islanders in the United States	(3)
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 COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	PSYCH 141	Psychology of Latinos/Chicanos in the U.S.	(3)
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE		
DRAMART 1	Theatre, Performance and Culture	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
g) HISTORY 72A	Am Women & Gender	(4)	HIST 170	History of Women in the United States before 1877	(3)
g) HISTORY 72B	Am Women & Gender	(4)	HIST 171	History of Women in the United States	(3)

				after 1865	
HISTORY 85	Nat, Man & Mach/Amer	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	ANTHR 135	Native Americans	(3)
N A STD 32	NA Music & Dance	(4)	MUSIC 116	Native American Music	(3)
				of the Americas	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to	(3)
				Psychology	
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE		
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE		
SCI&TEC 32	Drugs, Science and	(4)	NO COMPARABLE COURSE		
	Culture				
	Same as: ANTHRO 32				
SOCIO 2	Self and Society	(4)	PSYCH 225	Social Psychology	(3)
SOCIO 3	Social Problems	(4)	SOCIO 121	Introduction to	(3)
				Social Problems	
			<u>OR</u>		
			SOCIO 122	Critical Thinking	(3)
				About Social and	
				Cultural Issues	
SOCIO 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED:	College has not	
	Employment		submitted course(s)	for articulation	
SOCIO 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE		
SOCIO 30B	Multicultural Societies	(3)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE		
UWRITING 19	Wrtg Research Papers	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 49					
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE		
END OF MAJOR					

g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOSC 131	Principles of Organismal Biology,	(5)

of Life			Evolution and Ecology		
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	OR			OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
j) PHYSICS 7A	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General 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 292	Analytic Geometry and	(5)
				Calculus III	

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

b) GEOLOGY 3	History of Life	(3)	GEOL 121	Earth and Life Through Time	(3)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 124	Earth and Life Through Time Laboratory	(1)
f) GEOLOGY 50	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
m) GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 122	Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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.

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
<u>OR</u>			<u>OR</u>		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

RECOMMENDED COURSES:

j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life geology requirement for the geology major at UC Davis.
- f) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

b) GEOLOGY 3	History of Life	(3)	GEOL 121	Earth and Life Through Time	(3)
b) GEOLOGY 3L	History of Life Lab	(1)	GEOL 124	Earth and Life Through Time Laboratory	(1)
f) GEOLOGY 50 m)	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 122	Physical Geology Laboratory	(1)
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 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

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

RECOMMENDED COURSES:

MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)

RECOMMENDED COURSES:

MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

RECOMMENDED COURSES:

MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life geology requirement for the geology major at UC Davis.
- f) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

GERMAN 1	Elementary German	(5)	GERMAN 120	First Term German	(5)
GERMAN 2	Elementary German	(5)	GERMAN 120 &	First Term German	(5)
			GERMAN 121	Second Term German	(5)
GERMAN 3	Elementary German	(5)	GERMAN 121	Second Term German	(5)
GERMAN 20	Intermediate German	(4)	GERMAN 220 &	Third Term German	(5)
			GERMAN 221	Fourth Term German	(5)
GERMAN 21	Intermediate German	(4)	.		
			GERMAN 230	Fifth Term German	(3)
GERMAN 22	Intermediate German	(4)	GERMAN 231	Sixth Term German	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

GDISBIO 90	Intro Global Disease Bio	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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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 130 Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSC 131 Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSC 131 Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 120 General College Chemistry I	(5)
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CHEM 2B	Genl Chemistry	(5)		CHEM 120 & General College Chemistry I	(5)
				CHEM 121 General College Chemistry II	(5)

CHEM 2C	Genl Chemistry	(5)		CHEM 121 General College Chemistry II	(5)
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CHEM 8A	Organic Chem-Brief	(2)		CHEM 226 Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 227 Organic Chemistry II	(5)

	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 226 Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 226 & Organic Chemistry I	(5)
				CHEM 227 Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE

j) PHYSICS 7A	General Physics	(4)		PHYS 120 & General College Physics I	(4)
				PHYS 121 General College Physics II	(4)

j) PHYSICS 7B	General Physics	(4)		PHYS 120 & General College Physics I	(4)
				PHYS 121 General 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 144 Statway II	(4)
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Same as: STATIST 13Y

	<u>OR</u>	
	MATH 142	Elementary Statistics (4) with Probability
	<u>OR</u>	
	BUS 240	Business Statistics (3)

END OF MAJOR

- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Five lower-division courses, including at least two from one of the following fields, one from a second field, and one from a third field. The fifth course can be taken from any field:

A.AFRICAN AND MIDDLE EAST HISTORY

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE

Course discontinued as of S18

B. ASIAN HISTORY

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
c) HISTORY 9A	East Asian Civ	(4)	HIST 150 History of East Asia (3) (to 1600)
			<u>OR</u>
			HIST 151 History of East Asia (3) (from 1600 - Present)
c) HISTORY 9B	East Asian Civ	(4)	HIST 150 History of East Asia (3) (to 1600)
			<u>OR</u>
			HIST 151 History of East Asia (3) (from 1600 - Present)

C. EUROPEAN HISTORY

HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	HIST 140 History of Western Civilization to the Renaissance (3)
HISTORY 4B	Western Civ	(4)	HIST 141 History of Western Civilization since the Renaissance (3)
HISTORY 4C	Western Civ	(4)	HIST 141 History of Western Civilization since the Renaissance (3)

D. LATIN AMERICAN HISTORY

HISTORY 7A	Latin America to 1700	(4)	HIST 135 History of Latin America - The Colonial Period (3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 135 & History of Latin America - The Colonial Period (3)
			HIST 136 History of Latin America - The National Period (3)
HISTORY 7C	Latin America 1900-Present	(4)	HIST 136 History of Latin America - The National Period (3)

E. U.S. HISTORY

g) HISTORY 17A	U.S. History	(4)	HIST 120 History of the United States before 1865 (3)
g) HISTORY 17B	U.S. History	(4)	HIST 121 History of the United States after 1865 (3)

HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED	
g) HISTORY 72A	Am Women & Gender	(4)	HIST 170	History of Women in the United States before 1877 (3)
g) HISTORY 72B	Am Women & Gender	(4)	HIST 171	History of Women in the United States after 1865 (3)

F. WORLD HISTORY

HISTORY 10A	World History to 1350	(4)	HIST 180	World History to 1500 (3)
HISTORY 10B	World History 1350-1850	(4)	HIST 181	World History since 1500 (3)
HISTORY 10C	World History III	(4)	HIST 181	World History since 1500 (3)

END OF MAJOR

- c) If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.
- g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College 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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)		ANTHR 140	<u>&</u>	Biological Anthropology	(3)
				ANTHR 141L		Biological Anthropology Laboratory	(1)
ANTHRO 2	Cultural Anthropology	(4)		ANTHR 130		Cultural Anthropology	(3)
As of W17, units=5							
ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE			

Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 130	Principles of Cellular and Molecular Biology	(5)
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BIOLSCI 10	<p>OR</p> <p>Everyday Biology (4)</p>	<p>OR</p> <p>BIOSC 101 Fundamentals of Biological Science (3)</p> <p>OR</p> <p>BIOSC 102 Fundamentals of Biological Science with Laboratory (4)</p>
MIC BIO 10	<p>OR</p> <p>Natural History of Infectious Diseases (3)</p> <p>OR</p>	<p>OR</p> <p>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</p> <p>OR</p>
NE PH B 12	<p>Human Brain and Disease (3)</p>	<p>NO COURSE ARTICULATED: College has not submitted course(s) for articulation</p>
MOL&CB 10	Intro Human Heredity (4)	NO COMPARABLE COURSE

Select two of the following courses:

Select one of the following options:

PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
OR			OR		
SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123	Introduction to Social Research	(3)
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 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

END OF MAJOR

g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

====Hydrology B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and (5) Calculus III
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and (5) Calculus III
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations (5)
f) GEOLOGY 50 m)	Physical Geology	(3)	GEOL 120	Physical Geology (3)
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 122	Physical Geology (1) Laboratory
ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming (4) for Engineers Using MATLAB
END OF MAJOR				

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

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

Special Advising Note:

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

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

enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
SOILSCI 10	Soils in Our Environment	(3)	HORT 120	Soil Science and Management (3)
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics (3)
	AND			AND
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics (3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
	Same as: STATIST 13Y		OR	
			MATH 142	Elementary Statistics (4) with Probability
			OR	
			BUS 240	Business Statistics (3)
	OR			OR
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for (4) Management, Life Science and Social Science I
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	
SIX QUARTER UNITS FROM THE FOLLOWING:				
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO 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 115	Nutrition and Health: (3) Personal Applications
			OR	
			NUTRI 160	Nutrition: Science (3) and Applications
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE	
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
OR			OR		
ANTHRO 2	Cultural Anthropology As of W17, units=5	(4)	ANTHR 130	Cultural Anthropology	(3)
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology As of W17, units=5	(4)	ANTHR 130	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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					

OR

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
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OR

ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
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HISTORY 4C	Western Civ	(4)	HIST 141	History of Western Civilization since the Renaissance	(3)
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OR

HISTORY 10C	World History III	(4)	HIST 181	World History since 1500	(3)
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OR

POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
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OR

			POLSC 220	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 250	International Relations	(3)

POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s)for articulation		
	SOCIOL 12Y				

OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
OR			OR		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

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

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

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

ARABIC 1	Elementary Arabic	(5)	ARABC 120	First Term Arabic	(5)
ARABIC 2	Elem Arabic	(5)	ARABC 120	First Term Arabic	(5)
ARABIC 3	Elem Arabic	(5)	ARABC 120 &	First Term Arabic	(5)
			ARABC 121	Second Term Arabic	(5)
ARABIC 21	Intermed Arabic	(5)	ARABC 120 &	First Term Arabic	(5)
			ARABC 121	Second Term Arabic	(5)
As of S17 units = 4					
ARABIC 22	Intermed Arabic	(5)	ARABC 121	Second Term Arabic	(5)
As of S17, units =4					
ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of F17, units = 4					
OR			OR		
x) CHINESE 1	Elem Chinese	(5)	CHIN 120	First Term Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 3	Elem Chinese	(5)	CHIN 121	Second Term Mandarin Chinese	(5)
x) CHINESE 4	Inter Chinese	(5)	CHIN 220	Third Term Mandarin Chinese	(5)
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE		
x) CHINESE 6	Inter Chinese	(5)	CHIN 221	Fourth Term Mandarin Chinese	(5)
OR			OR		
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
FRENCH 1	Elementary French	(5)	FRNCH 120	First Term French	(5)
FRENCH 2	Elementary French	(5)	FRNCH 120 &	First Term French	(5)
			FRNCH 121	Second Term French	(5)

FRENCH 3	Elementary French	(5)	FRNCH 121	Second Term French	(5)
FRENCH 21	Intermed French	(5)	FRNCH 220	Third Term French	(5)
FRENCH 22	Intermed French	(5)	FRNCH 220 &	Third Term French	(5)
			FRNCH 221	Fourth Term French	(5)
	OR			OR	
GERMAN 1	Elementary German	(5)	GRMAN 120	First Term German	(5)
GERMAN 2	Elementary German	(5)	GRMAN 120 &	First Term German	(5)
			GRMAN 121	Second Term German	(5)
GERMAN 3	Elementary German	(5)	GRMAN 121	Second Term German	(5)
GERMAN 20	Intermediate German	(4)	GRMAN 220 &	Third Term German	(5)
			GRMAN 221	Fourth Term German	(5)
GERMAN 21	Intermediate German	(4)	.		
			GRMAN 230	Fifth Term German	(3)
	OR			OR	
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HEBREW 21	Intermediate Modern Hebrew I	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
As of F17, units = 4					
HEBREW 22	Intermediate Modern Hebrew II	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
As of F17, units = 4					
HEBREW 23	Intermediate Modern Hebrew III	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	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	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
As of F17, units = 4					
HIN-URD 22	Intermed Hindi/Urdu II	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
As of F17, units = 4					
HIN-URD 23	Intermed Hindi/Urdu III	(5)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
As of F17, units = 4					
	OR			OR	
ITALIAN 1	Elementary Italian	(5)	ITAL 120	First Term Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 120 &	First Term Italian	(5)
			ITAL 121	Second Term Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 121	Second Term Italian	(5)
ITALIAN 4	Interm Italian	(4)	ITAL 220	Third Term Italian	(5)
ITALIAN 5	Interm Italian	(4)	ITAL 220 &	Third Term Italian	(5)
			ITAL 221	Fourth Term Italian	(5)
	OR			OR	
ITALIAN 1	Elementary Italian	(5)	ITAL 120	First Term Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 120 &	First Term Italian	(5)
			ITAL 121	Second Term Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 121	Second Term Italian	(5)
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	OR			OR	
y) JPNESE 1	Elem Japanese	(5)	JAPAN 120	First Term Japanese	(5)

y) JPNESE 2	Elem Japanese	(5)	JAPAN 120 & First Term Japanese	(5)
			JAPAN 121 Second Term Japanese	(5)
y) JPNESE 3	Elem Japanese	(5)	JAPAN 121 Second Term Japanese	(5)
y) JPNESE 4	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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)	RUSS 120 First Term Russian	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 121 Second Term Russian	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 220 Third Term Russian	(5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 221 Fourth Term Russian	(5)
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 120 First Term Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 120 & First Term Spanish	(5)
			SPAN 121 Second Term Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 121 Second Term Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 220 Third Term Spanish	(5)
			OR	
			SPAN 230 Fifth Term Spanish	(3)
SPANISH 22	Intm Spanish	(5)	SPAN 221 Fourth Term Spanish	(5)
			OR	
			SPAN 231 Sixth Term Spanish	(3)
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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ITALIAN 1	Elementary Italian	(5)	ITAL 120	First Term Italian	(5)
ITALIAN 2	Elementary Italian	(5)	ITAL 120 & ITAL 121	First Term Italian	(5)
				Second Term Italian	(5)
ITALIAN 3	Elementary Italian	(5)	ITAL 121	Second Term Italian	(5)
ITALIAN 4	Interm Italian	(4)	ITAL 220	Third Term Italian	(5)

ITALIAN 5	Interm Italian	(4)	ITAL 220 &	Third Term Italian	(5)
			ITAL 221	Fourth Term Italian	(5)
ITALIAN 9	Reading Italian	(4)	ITAL 221	Fourth Term Italian	(5)

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 2016-18

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

y) JPNESE 1	Elem Japanese	(5)	JAPAN 120	First Term Japanese	(5)
y) JPNESE 2	Elem Japanese	(5)	JAPAN 120 &	First Term Japanese	(5)
			JAPAN 121	Second Term Japanese	(5)
y) JPNESE 3	Elem Japanese	(5)	JAPAN 121	Second Term Japanese	(5)
y) JPNESE 4	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHINESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: JPNESE 50					
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
c) HISTORY 9B	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			<u>OR</u>		
			HIST 151	History of East Asia (from 1600 - Present)	(3)

END OF MAJOR

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

c) **If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.**

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

Special Advising Note:

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

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

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

PRE-MAJOR REQUIREMENT:

Students who wish to major in landscape architecture must apply to "Landscape Architecture (Pre-)." Admission to UC Davis in pre-landscape architecture does not guarantee admission to the landscape architecture major.

After applying for admission, students submit a separate portfolio application to the landscape architecture program in February, either before or after enrollment at UC Davis. Contact the Landscape Architecture Advising Office at (530) 754-8628 or visit humanecology.ucdavis.edu/lda for details.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
	OR			OR	
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
	OR			OR	
UWRITING 19	Wrtg Research Papers	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 49					
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
ENVHORT 6	Intro Environ Plants	(4)	NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
ENG CS 10	Intro to Programming	(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.

ONE COURSE FROM THE FOLLOWING:

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 10	Concept of Chem	(4)	CHEM 106	Chemistry for Non-Science Majors	(4)
j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Elementary Physics	(3)
m) GEOLOGY 1	The Earth	(4)	GEOL 120	Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	HORT 120	Soil Science and Management	(3)

LND ARC 1	Intro Environ Design	(4)	HORT 180	Introduction to Landscape Architecture	(3)
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)	NO COMPARABLE COURSE		
LND ARC 21	Design Visualization	(5)	HORT 181	Landscape Design I: Graphics	(3)

As of F17, units = 4

As of F17, title = Land Rep I

LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE		
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE		
LND ARC 60	Landform Grading Studio	(6)	NO COMPARABLE COURSE		
LND ARC 70	Introduction to Spacemaking	(5)	NO COMPARABLE COURSE		

As of F17, units = 4

Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities.

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

END OF MAJOR

- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

College Foreign Language Requirement Note:

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

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

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LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
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FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

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.

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.

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	BUS 294	Business Law	(3)
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

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)	BUSAC 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUSAC 187	Managerial Accounting	(4)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics	(4)
				with Probability	
			<u>OR</u>		
			BUS 240	Business Statistics	(3)

END OF MAJOR

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)

CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

			PHYS 231	Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)	OCEAN 101	Fundamentals of (3) Oceanography

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

**===Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)===
Special Advising Note:**

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a

letter grade, with no grade less than C:

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

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

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

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

-Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)

-Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)

-Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
	AND			AND	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 <u>&</u>	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 <u>&</u>	Physics for Engineers	(4)

			PHYS 231	and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
GEOLOGY 16	The Oceans	(3)	OCEAN 101	Fundamentals of Oceanography (3)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

**===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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 16	The Oceans	(3)	OCEAN 101	Fundamentals of Oceanography	(3)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

**===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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
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CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
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CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
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MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
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MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

STRONGLY RECOMMENDED:

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

GEOLOGY 16	The Oceans	(3)	OCEAN 101	Fundamentals of Oceanography	(3)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====Materials Science & Engineering B.S.====

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

				Chemistry II			
a) ENGIN 17	Circuits I	(4)		ENGIN 230	Introduction to	(4)	
a) ENGIN 45	Prop of Mats	(4)		ENGIN 240	Circuits and Devices	(4)	
				Engineering Materials			
ENG CHM 60	Engineering Problem Solv	(4)					
				OR			
a) ENG CS 30	Programming&Prob Solving	(4)		COMSC 110	Introduction to Programming	(4)	
				OR			
				COMSC 165	Advanced Programming with C and C++	(4)	
				OR			
				COMSC 255	Programming with Java	(4)	
				OR			
				ENGIN 135	Programming for Scientists and Engineers	(4)	
				OR			
a) ENGIN 6	Engr Prob Solving	(4)		ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)	

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

a) UWRITING 1	Expository Writing	(4)		ENGL 122	Freshman English: Composition and Reading	(3)	
				OR			
a) ENGLISH 3	Intro to Lit	(4)		ENGL 123	Critical Thinking: Composition and Literature	(3)	

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

a) COMUNCN 1	Intro Public Spkg	(4)		COMM 120	Public Speaking	(3)	
				OR			
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 128	Interpersonal Communication	(3)	

RECOMMENDED COURSES:

a) ENGIN 35	Statics	(4)		ENGIN 255	Statics	(3)	
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When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979, or consult the [College of Engineering website](#) if you have

any questions.

END OF MAJOR

a) This articulation is approved for engineering majors.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

OR

Or high school equivalent

OR

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE
MATH 21D	Vector Analysis	(4)	MATH 292 Analytic Geometry and Calculus III (5)
MATH 22B	Differntl Equations	(3)	MATH 294 Differential Equations (5)
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 194 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 30	Programming&Prob Solving	(4)	COMSC 110 Introduction to Programming (4)
			OR
			COMSC 165 Advanced Programming with C and C++ (4)
			OR
			COMSC 255 Programming with Java (4)
			OR
			ENGIN 135 Programming for Scientists and Engineers (4)
			As of F18, Course Number = ENG CS 36A
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200 Object Oriented Programming C++ (4)
			As of F18, Course Number = ENG CS 36B

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.

Or high school equivalent

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 194	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 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
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As of F18, title = Gateway to Data Science

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.

Or high school equivalent

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 194	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 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

	OR			OR	
ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(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.

**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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
Or high school equivalent					

MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)

MATH 25	Advanced Calculus	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)		MATH 194	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 30	Programming&Prob Solving	(4)		COMSC 110	Introduction to Programming	(4)
				<u>OR</u>		
				COMSC 165	Advanced Programming with C and C++	(4)
				<u>OR</u>		
				COMSC 255	Programming with Java	(4)
				<u>OR</u>		
				ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

	OR			OR		
ENGIN 6	Engr Prob Solving	(4)		ENGIN 136	Computer Programming for Engineers Using MATLAB	(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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 9A	Classical Physics	(5)		PHYS 130 &	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
	OR			OR		

j) PHYSICS 7A	General Physics	(4)		PHYS 120 &	General College Physics I	(4)
				PHYS 121	General College Physics II	(4)
	OR			OR		

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics	(4)
				with Probability	
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
				<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====Mechanical Engineering B.S.====

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 2016-18 [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 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) ENGIN 4	Graphics in Design	(3)	ENGIN 120	Engineering Drawing	(3)
			<u>OR</u>		

			ENGIN 121	Engineering Drawing/Descriptive Geometry	(3)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)
a) ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)
<hr/>					
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)
	OR			OR	
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

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

REQUIRED FOR GRADUATION:

a) UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128	Interpersonal Communication	(3)
<hr/>					
a) ENGIN 45	Prop of Mats	(4)	ENGIN 240	Properties of Engineering Materials	(4)
<hr/>					
a) ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		

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

a) This articulation is approved for engineering majors.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MEDV-ST 20A Medieval Culture (5) | NO COMPARABLE COURSE
MEDV-ST 20B Medieval Culture (5) | NO COMPARABLE COURSE

THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS 196	History of Medieval (3) and Renaissance Art
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to (3) 20th Century Art
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	ENGL 272 &	Early World Literature (3)
COMPLIT 10A	Master Authors	(2)	ENGL 273	Late World Literature (3)
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 252	Early English (3) Literature
GERMAN 48	Myth & Saga	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 4A	Western Civ	(4)	HIST 140	History of Western (3) Civilization to the Renaissance
HISTORY 4B	Western Civ	(4)	HIST 141	History of Western (3) Civilization since the Renaissance
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 21	Phil: Ancient	(4)	PHILO 224	History of Western (3) Philosophy: Pre-Socratic to Medieval Period
As of F17, title = Phil Classics: Ancient				
PHILOS 22	Hist Phil: Early Modern	(4)	PHILO 225	History of Western (3) Philosophy: Descartes to Present
As of F17, title = Phil Classics: Modern				

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

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

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

the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 2016-18 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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)
OR			OR		
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOSC 131	Principles of	(5)

Biodiversity & the Tree of Life				Organismal Biology, Evolution and Ecology			
CHEM 2A	Genl Chemistry	(5)		CHEM 120	General College Chemistry I	(5)	
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)	
				CHEM 121	General College Chemistry II	(5)	
CHEM 2C	Genl Chemistry	(5)		CHEM 121	General College Chemistry II	(5)	
CHEM 8A	Organic Chem-Brief	(2)		CHEM 226	Organic Chemistry I	(5)	
CHEM 8B	Organic Chem-Brief	(4)		CHEM 227	Organic Chemistry II	(5)	
	OR				OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 226	Organic Chemistry I	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 226 &	Organic Chemistry I	(5)	
				CHEM 227	Organic Chemistry II	(5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 227	Organic Chemistry II	(5)	
MATH 17A	Calculus for BioSci	(4)		NO COMPARABLE COURSE			
MATH 17B	Calculus for Biosci	(4)		NO COMPARABLE COURSE			
MATH 17C	Calculus for BioSci	(4)		NO COMPARABLE COURSE			
	OR				OR		
MATH 21A	Calculus	(4)		MATH 192	Analytic Geometry and Calculus I	(5)	
MATH 21B	Calculus	(4)		MATH 193	Analytic Geometry and Calculus II	(5)	
j) PHYSICS 7A	General Physics	(4)		PHYS 120 &	General College Physics I	(4)	
				PHYS 121	General College Physics II	(4)	
j) PHYSICS 7B	General Physics	(4)		PHYS 120 &	General College Physics I	(4)	
				PHYS 121	General College Physics II	(4)	
j) PHYSICS 7C	General Physics	(4)		PHYS 120 &	General College Physics I	(4)	
				PHYS 121	General 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 292	Analytic Geometry and Calculus III	(5)	

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will

receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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)	ARABC 120	First Term Arabic	(5)
ARABIC 2	Elem Arabic	(5)	ARABC 120	First Term Arabic	(5)
ARABIC 3	Elem Arabic	(5)	ARABC 120 &	First Term Arabic	(5)
			ARABC 121	Second Term Arabic	(5)

ARABIC 21	Intermed Arabic	(5)	ARABIC 120 & First Term Arabic (5)
			ARABIC 121 Second Term Arabic (5)
As of S17 units = 4			
ARABIC 22	Intermed Arabic	(5)	ARABIC 121 Second Term Arabic (5)
As of S17, units =4			
ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 2	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 3	Elem Hebrew	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 21	Intermediate Modern Hebrew I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			
HEBREW 22	Intermediate Modern Hebrew II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			
HEBREW 23	Intermediate Modern Hebrew III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			
HIN-URD 22	Intermed Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			
HIN-URD 23	Intermed Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4			

**OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.
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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2)	MUSIC 250	Intermediate Piano I	(1)
MUSIC 2B	Keyboard Competence	(2)	MUSIC 250	Intermediate Piano I	(1)
MUSIC 2C	Keyboard Competence	(2)	MUSIC 250	Intermediate Piano I	(1)

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

MUSIC 6A	Elementary Theory	(3)	NO COMPARABLE COURSE		
MUSIC 6B	Elementary Theory	(3)	NO COMPARABLE COURSE		
MUSIC 6C	Elementary Theory	(3)	MUSIC 222	Theory and Musicianship III	(4)

MUSIC 7A	Intermediate Theory	(3)	MUSIC 223	Theory and Musicianship IV	(4)
MUSIC 7B	Intermediate Theory	(3)	MUSIC 223	Theory and Musicianship IV	(4)
MUSIC 7C	Intermediate Theory	(3)	MUSIC 223	Theory and Musicianship IV	(4)

MUSIC 16A	Elem Musicianship	(2)	NO COMPARABLE COURSE		
MUSIC 16B	Elem Musicianship	(2)	NO COMPARABLE COURSE		
MUSIC 16C	Elem Musicianship	(2)	NO COMPARABLE COURSE		

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

MUSIC 17A	Intermediate Musicianship	(2)	MUSIC 222	Theory and Musicianship III	(4)
MUSIC 17B	Intermediate Musicianship	(2)	MUSIC 223	Theory and Musicianship IV	(4)
MUSIC 17C	Intermediate Musicianship	(2)	MUSIC 223	Theory and Musicianship IV	(4)

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

MUSIC 24A	Intro Music History	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MUSIC 24B	Intro Music History	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MUSIC 24C	Intro Music History	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

N A STD 1	Intro NA Studies	(4)	ANTHR 135	Native Americans	(3)
N A STD 10	NA Experience	(4)	ANTHR 135	Native Americans	(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)	ENGL 164	Native American Literatures	(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)	MUSIC 116	Native American Music of the Americas	(3)
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE		
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE		

ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE		
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and Pacific Islanders in the United States	(3)
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 COMPARABLE COURSE		
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE		
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 131	The Urban Community	(3)
ENV S&P 10	Current Issues in Environment	(3)	BIOSC 170	Environmental Science	(3)
			OR		
			ENGIN 130	Energy, Society, and the Environment	(3)

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

HISTORY 7A	Latin America to 1700	(4)	HIST 135	History of Latin America - The Colonial Period	(3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 135 &	History of Latin America - The Colonial	(3)

				Period	
			HIST 136	History of Latin America - The National Period	(3)
HISTORY 7C	Latin America 1900-Present	(4)	HIST 136	History of Latin America - The National Period	(3)
g) HISTORY 17A	U.S. History	(4)	HIST 120	History of the United States before 1865	(3)
LINGUIS 1	Intro Linguistics	(4)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
END OF MAJOR					

g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

====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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College	(5)

			CHEM 121	Chemistry I General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 292	Analytic Geometry and Calculus III	(5)
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END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====Nutrition Science B.S.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)

NUTR 10	Discoveries and Concepts	(3)	NUTRI 115	Nutrition and Health: Personal Applications	(3)
			OR		
			NUTRI 160	Nutrition: Science and Applications	(3)

PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
OR			OR		
SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123	Introduction to Social Research	(3)

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

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	ANTHR 130	Cultural Anthropology	(3)
OR				OR		
PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
OR				OR		
SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology	(3)
OR				OR		
SOCIOL 3	Social Problems	(4)		SOCIO 121	Introduction to Social Problems	(3)
				OR		
				SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)

MATH 16A	Short Calculus	(3)		MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)		MATH 183	Calculus for Management, Life Science and Social Science II	(4)

j) PHYSICS 1A	Principles Physics	(3)		PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)		PHYS 121	General College Physics II	(4)

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	ANTHR 130	Cultural Anthropology	(3)
OR				OR		
SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology	(3)
OR				OR		
SOCIOL 3	Social Problems	(4)		SOCIO 121	Introduction to Social Problems	(3)
				OR		
				SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)

ECON 1A	Princ of Microecon	(4)		ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 220	Principles of Macroeconomics	(3)

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

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:Agricultural and Health Policy Area:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not
Same as: FD S&T 55			submitted course(s) for articulation
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 131 The Urban Community (3)
INT AG 10	Intro Intl Ag	(4)	NO COMPARABLE COURSE
	Development		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 15	Aids & Society	(4)	NO COMPARABLE COURSE

Course discontinued as of F17
END OF MAJOR

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.**

====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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5)		CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 121	General College Chemistry II	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

j) PHYSICS 7A	General Physics	(4)		PHYS 120 &	General College	(4)
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			PHYS 121	Physics I General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)

j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 &	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

BIOLSCI 2A	Intro Biology:Life on	(5)	BIOSC 130	Principles of	(5)
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Earth			Cellular and Molecular Biology		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
OR			OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
OR			OR		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 226 &	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 227	Organic Chemistry II	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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) | PHILO 170 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

q) PHILOS 1	Intro to Philos	(4)	PHILO 120	Introduction to	(3)
r)				Philosophy	
			<u>OR</u>		
			PHILO 224	History of Western	(3)
				Philosophy:	
				Pre-Socratic to	
				Medieval Period	
			<u>OR</u>		
			PHILO 225	History of Western	(3)
				Philosophy: Descartes	
				to Present	

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil: Ancient	(4)	PHILO 224	History of Western	(3)
				Philosophy:	
				Pre-Socratic to	
				Medieval Period	

As of F17, title = Phil Classics: Ancient

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Hist Phil: Early Modern	(4)		PHILO 225	History of Western	(3)
					Philosophy: Descartes	
					to Present	

As of F17, title = Phil Classics: Modern

d. PHILOSOPHY OF MIND

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

e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4)		NO COMPARABLE COURSE
	OR			OR
PHILOS 15	Intro to Bioethics	(4)		NO COURSE ARTICULATED: College has not
				submitted course(s) for articulation
	OR			OR
PHILOS 24	Intro to Ethics	(4)		PHILO 122 Introduction to (3)
				Ethics

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 &	(4)		NO COURSE ARTICULATED: College has not
	World			submitted course(s) for articulation

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)		NO COMPARABLE COURSE
PHILOS 15	Intro to Bioethics	(4)		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)		PHILO 130	Logic and Critical	(3)
					Thinking	
				OR		
				ENGL 126	Critical Thinking:	(3)
					The Shaping of	
					Meaning in Language	
PHILOS 12	Intro to Symbol Logic	(4)		PHILO 170	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)		PHILO 122	Introduction to	(3)
					Ethics	

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHILO 122	Introduction to Ethics	(3)
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)	PHILO 170	Symbolic Logic	(3)
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

- q) Students who complete PHIL 224 at Diablo Valley College will receive credit for PHILOS 1 OR PHILOS 21 at UC Davis through the 16-17 academic year. As of Fall 2017, students will receive credit for PHILOS 21.
- r) Students who complete PHILO 225 at Diablo Valley College will receive credit for PHILOS 1 or PHILOS 22 at UC Davis through the 16-17 academic year. As of Fall 2017, students will receive credit for PHILOS 22.

====Physics A.B.====

Special Advising Note:

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

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

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers (4) and Scientists C: Optics and Modern

OR			Physics OR		
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differential Equations	(3)	MATH 294	Differential Equations	(5)

PHYSICS 80	Experimental Techniques	(4)			

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers (4) and Scientists C: Optics and Modern Physics
OR			OR	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and (5)

MATH 21B	Calculus	(4)	MATH 193	Calculus I Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
<hr/>					
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

Or equivalent programming course

PHYSICS 80 Experimental Techniques (4)

HIGHLY RECOMMENDED

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following courses are RECOMMENDED:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)	ASTRO 120	Elementary Astronomy	(3)
<hr/>					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)

As of F18, Course Number = ENG CS 36B

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 2018-19)

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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
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END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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 2016-18 [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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I & II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I & II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
OR			OR		
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)

Calculus II

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 292	Analytic Geometry and Calculus III	(5)

END OF MAJOR

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.**

====Plant Sciences B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology,	(5)

				Evolution and Ecology		
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 120	General College Chemistry I	(5)	
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)	
			CHEM 121	General College Chemistry II	(5)	
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)	
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)	
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)	
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 &	Organic Chemistry I	(5)	
			CHEM 227	Organic Chemistry II	(5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)	
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)	
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)	
	OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE			
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE			
j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)	
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)	
	OR			OR		
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General College Physics II	(4)	
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General College Physics II	(4)	
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)	
			PHYS 121	General 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.

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

COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)		ECON 221	Principles of	(3)
					Microeconomics	
	OR			OR		
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

RECOMMENDED COURSES FOR THE MAJOR:

ABIOSYT 49	Fld Equip Oper	(2)		NO COMPARABLE COURSE		
	OR			OR		
PL SCI 49	Org Crop Prod Prac	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)
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TWO COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
			OR		
POL SCI 3	Internatl Relations	(4)	POLSC 220	Comparative Politics	(3)
			POLSC 250	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	SOCSC 111	Money, Power and Politics in the United States	(3)
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		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

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 2016-18 [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 121	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
OR					
POL SCI 3	Internatl Relations	(4)	POLSC 220	Comparative Politics	(3)
			POLSC 250	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)

ONE COURSE FROM THE FOLLOWING:

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

POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
OR					
POL SCI 3	Internatl Relations	(4)	POLSC 220	Comparative Politics	(3)
			POLSC 250	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	SOCSC 111	Money, Power and Politics in the United States	(3)
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

STATIST 13	Elementary Statistics	(4)		MATH 144 Statway II (4)
Same as: STATIST 13Y				<u>OR</u>
				MATH 142 Elementary Statistics (4) with Probability
				<u>OR</u>
				BUS 240 Business Statistics (3)
	<u>OR</u>			<u>OR</u>
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science				
END OF MAJOR				

====Psychology A.B.====

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.

*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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)

STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSC 101	Fundamentals of Biological Science	(3)
			<u>OR</u>		
			BIOSC 102	Fundamentals of Biological Science with Laboratory	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHR 140	<u>&</u> Biological Anthropology	(3)
			ANTHR 141L	Biological Anthropology Laboratory	(1)
			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	BIOSC 140	Human Physiology	(5)

END OF MAJOR

====Psychology B.S. (Biological)====

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.

*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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Elementary Physics	(3)
	<u>OR</u>			<u>OR</u>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 <u>&</u>	Organic Chemistry I	(5)
			CHEM 227	Organic Chemistry II	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH 215	Introduction to Research Methods in Psychology	(3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			<u>OR</u>		
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>		
			COMSC 255	Programming with Java	(4)
			<u>OR</u>		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

			<u>OR</u>		<u>OR</u>
ENG CS 10	Intro to Programming	(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.

CHEM 10	Concept of Chem	(4)	CHEM 106	Chemistry for Non-Science Majors	(4)
	<u>OR</u>			<u>OR</u>	
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 10	Topics,Nonscientists	(4)	PHYS 110	Elementary Physics	(3)
	<u>OR</u>			<u>OR</u>	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	<u>OR</u>			<u>OR</u>	
j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General 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 130	Principles of Cellular and Molecular Biology	(5)
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OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)		BIOSC 101	Fundamentals of Biological Science	(3)
				OR		
				BIOSC 102	Fundamentals of Biological Science with Laboratory	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)		ANTHR 140	& Biological Anthropology	(3)
				ANTHR 141L	Biological Anthropology Laboratory	(1)
				OR		
MOL&CB 10	Intro Human Heredity	(4)		NO COMPARABLE COURSE		
				OR		
NE PH B 10	Elem Human Physio	(3)		BIOSC 140	Human Physiology	(5)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====Religious Studies A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://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 2016-18 [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)	PHILO 220	Comparative Religion	(3)
REL STD 1A	Pilgrimage	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1B	Death and Afterlife	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1C	Sacrifice	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
REL STD 1G	Myth Ritual Symbol	(4)	ANTHR 120	Magic, Witchcraft, and Religion in the Americas	(3)
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 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	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
As of F18, title = The Bible			
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

RECOMMENDED:

**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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

RUSSIAN 1	Elementary Russian	(5)	RUSS 120	First Term Russian	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 121	Second Term Russian	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 220	Third Term Russian	(5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 221	Fourth Term Russian	(5)
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 2016-18 [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 COMPARABLE COURSE
Same as: ANTHRO 32			

8 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://catalog.ucdavis.edu/programs/STS/STSreqt.html>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology	(3)
SOCIOL 46A	Intro Social Rsch	(4)		SOCIO 123	Introduction to Social Research	(3)
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)		PSYCH 225	Social Psychology	(3)
SOCIOL 3	Social Problems	(4)		SOCIO 121	Introduction to Social Problems	(3)
				OR		
				SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 25	Popular Culture	(4)		SOCSC 123	American Popular Culture	(3)
SOCIOL 30A	Multicultural Societies	(3)		NO COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology (3)
As of W17, units=5				
OR			OR	
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 140	History of Western Civilization to the Renaissance	(3)
HISTORY 4B	Western Civ	(4)	HIST 141	History of Western Civilization since the Renaissance	(3)
HISTORY 4C	Western Civ	(4)	HIST 141	History of Western Civilization since the Renaissance	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)	HIST 135	History of Latin America - The Colonial Period	(3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 135 &	History of Latin America - The Colonial Period	(3)
			HIST 136	History of Latin America - The National Period	(3)
HISTORY 7C	Latin America 1900-Present	(4)	HIST 136	History of Latin America - The National Period	(3)
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
c) HISTORY 9A	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			<u>OR</u>		
			HIST 151	History of East Asia (from 1600 - Present)	(3)
c) HISTORY 9B	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			<u>OR</u>		
			HIST 151	History of East Asia (from 1600 - Present)	(3)
HISTORY 10C	World History III	(4)	HIST 181	World History since 1500	(3)
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		
Course discontinued as of S18					
g) HISTORY 17A	U.S. History	(4)	HIST 120	History of the United States before 1865	(3)
g) HISTORY 17B	U.S. History	(4)	HIST 121	History of the United States after 1865	(3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)	PHILO 130	Logic and Critical Thinking	(3)
			OR		
			ENGL 126	Critical Thinking: The Shaping of Meaning in Language	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
PHILOS 24	Intro to Ethics	(4)	PHILO 122	Introduction to Ethics	(3)

END OF MAJOR

- c) If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.
- g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

====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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

				Sociology	
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE	
SOCIOL 46A	Intro Social Rsch	(4)		SOCIO 123 Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
ECON 1B	Princ of Macroecon	(4)		ECON 220 Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHR 130 Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
ANTHRO 20	Comparative Cultures	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 10C	World History III	(4)		HIST 181 World History since 1500	(3)
	OR			OR	
POL SCI 2	Intro Comp Politics	(4)		POLSC 120 Introduction to Politics	(3)
				OR	
				POLSC 220 Comparative Politics	(3)

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](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 2016-18 General Catalog . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to Social Problems	(3)
			OR		
			SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
	OR			OR	
SOCIOL 4	Immigrtn & Opprtnty	(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)	SOCIO 123	Introduction to Social Research	(3)
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 250	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 140	History of Western Civilization to the Renaissance	(3)
HISTORY 4B	Western Civ	(4)	HIST 141	History of Western Civilization since the Renaissance	(3)

HISTORY 4C	Western Civ	(4)	HIST 141	History of Western Civilization since the Renaissance	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)	HIST 135	History of Latin America - The Colonial Period	(3)
HISTORY 7B	Latin America 1700-1900	(4)	HIST 135 &	History of Latin America - The Colonial Period	(3)
			HIST 136	History of Latin America - The National Period	(3)
HISTORY 7C	Latin America 1900-Present	(4)	HIST 136	History of Latin America - The National Period	(3)
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
c) HISTORY 9A	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			<u>OR</u>		
			HIST 151	History of East Asia (from 1600 - Present)	(3)
c) HISTORY 9B	East Asian Civ	(4)	HIST 150	History of East Asia (to 1600)	(3)
			<u>OR</u>		
			HIST 151	History of East Asia (from 1600 - Present)	(3)
HISTORY 10C	World History III	(4)	HIST 181	World History since 1500	(3)
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		
Course discontinued as of S18					
g) HISTORY 17A	U.S. History	(4)	HIST 120	History of the United States before 1865	(3)
g) HISTORY 17B	U.S. History	(4)	HIST 121	History of the United States after 1865	(3)

PHILOS 5	Critical Reasoning	(4)	PHILO 130	Logic and Critical Thinking	(3)
			<u>OR</u>		
			ENGL 126	Critical Thinking: The Shaping of Meaning in Language	(3)
			<u>OR</u>		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHILOS 24	Intro to Ethics	(4)	PHILO 122	Introduction to Ethics	(3)

END OF MAJOR

c) If a student takes HIST 150 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both. If a student takes HIST 151 at Diablo Valley College, credit will be given for UC Davis's HISTORY 9A or 9B, not both.

g) UC Transfer Course Agreement states: HIST 120+121 combined with 127+128 or 170+171 - maximum credit, one series.

====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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology	(3)
<hr/>						
SOCIOL 2	Self and Society	(4)		PSYCH 225	Social Psychology	(3)
	OR				OR	
SOCIOL 3	Social Problems	(4)		SOCIO 121	Introduction to Social Problems	(3)
				OR		
				SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
<hr/>						
SOCIOL 46A	Intro Social Rsch	(4)		SOCIO 123	Introduction to Social Research	(3)
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
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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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and Pacific Islanders in the United States	(3)
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 COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	PSYCH 141	Psychology of Latinos/Chicanos in the U.S.	(3)
N A STD 1	Intro NA Studies	(4)	ANTHR 135	Native Americans	(3)
N A STD 10	NA Experience	(4)	ANTHR 135	Native Americans	(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 COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)	NO COMPARABLE COURSE		

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
AND			AND		
SOCIOL 2	Self and Society	(4)	PSYCH 225	Social Psychology	(3)

SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
OR			OR		
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
OR			OR		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123	Introduction to Social Research	(3)
AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
AND			AND		
ECON 1B	Princ of Macroecon	(4)	ECON 220	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:

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

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

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 120	First Term Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 120 &	First Term Spanish	(5)
			SPAN 121	Second Term Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 121	Second Term Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 220	Third Term Spanish	(5)
			OR		
			SPAN 230	Fifth Term Spanish	(3)
SPANISH 22	Intm Spanish	(5)	SPAN 221	Fourth Term Spanish	(5)
			OR		
			SPAN 231	Sixth Term Spanish	(3)
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)	ENGL 124	The Nature of Language: An Introduction to Linguistics	(3)
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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](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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		

MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE	
OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I (5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II (5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III (5)
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MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra (3)
<hr/>				
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE	
OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming (4)
			OR	
			COMSC 165	Advanced Programming with C and C++ (4)
			OR	
			COMSC 255	Programming with Java (4)
			OR	
			ENGIN 135	Programming for Scientists and Engineers (4)
<hr/>				
As of F18, Course Number = ENG CS 36A				
OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++ (4)
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As of F18, Course Number = ENG CS 36B				

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	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
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As of F18, title = Gateway to Data Science

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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
MATH 17B	Calculus for Biosci	(4)	NO COMPARABLE COURSE		
MATH 17C	Calculus for BioSci	(4)	NO COMPARABLE COURSE		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)

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

MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18, Course Number = ENG CS 36A

OR		OR	
ENG CS 40	Sftwr/Obj-Orien:C++ (4)	COMSC 200	Object Oriented Programming C++ (4)

As of F18, Course Number = ENG CS 36B

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13	Elementary Statistics	(4)	MATH 144 Statway II (4)
Same as: STATIST 13Y			OR
			MATH 142 Elementary Statistics (4)
			with Probability
			OR
			BUS 240 Business Statistics (3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science			

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)====
Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
ENG CS 60	Data Structures & Programming	(4)	COMSC 210	Program Design and Data Structures	(4)

As of F18, Course Number = ENG CS 36C

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13	Elementary Statistics	(4)	MATH 144 Statway II (4)
Same as: STATIST 13Y			<u>OR</u>
			MATH 142 Elementary Statistics (4) with Probability
			<u>OR</u>
			BUS 240 Business Statistics (3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science			

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)
As of F18, Course Number = ENG CS 36A					
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
As of F18, Course Number = ENG CS 36B					

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

AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics	(4)		MATH 144 Statway II	(4)
Same as: STATIST 13Y				<u>OR</u>	
				MATH 142 Elementary Statistics with Probability	(4)
				<u>OR</u>	
				BUS 240 Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science					

===Statistics B.S. (Statistical Data Science Track)===

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18

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

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
			OR		
			COMSC 165	Advanced Programming with C and C++	(4)
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for Scientists and Engineers	(4)
As of F18, Course Number = ENG CS 36A				OR	
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
As of F18, Course Number = ENG CS 36B					
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
	Same as: STATIST 13Y		OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
	OR			OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
CM&RGDE 20	Food Systems	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
Select one of the following courses:					
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE		
	OR		OR		
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
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 221	Principles of Microeconomics	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	OR		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)	PHILO 122	Introduction to Ethics	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to Social Problems	(3)
			OR		
			SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHILO 130	Logic and Critical Thinking	(3)
			OR		
			ENGL 126	Critical Thinking: The Shaping of Meaning in Language	(3)
	OR			OR	
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	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)	PHILO 122	Introduction to Ethics	(3)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
	OR			OR	
BIOLSCI 10	Everyday Biology	(4)	BIOSC 101	Fundamentals of Biological Science	(3)
			OR		
			BIOSC 102	Fundamentals of Biological Science with Laboratory	(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 131	Principles of Organismal Biology, Evolution and Ecology	(5)
	OR			OR	
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
Same as: ENV SC&M 30					
	OR			OR	
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	OR			OR	
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		

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

SOILSCI 10	Soils in Our Environment	(3)	HORT 120	Soil Science and Management	(3)

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to	(3)

			<u>OR</u>	Social Problems	
			SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)

CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
CM&RGDE 2	Ethnicity Amer Comm	(4)	SOCIO 131	The Urban Community	(3)

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
	<u>OR</u>		<u>OR</u>		
BIOLSCI 10	Everyday Biology	(4)	BIOSC 101	Fundamentals of Biological Science	(3)
			<u>OR</u>		
			BIOSC 102	Fundamentals of Biological Science with Laboratory	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
	<u>OR</u>		<u>OR</u>		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE		
	Same as: ENV SC&M 30		<u>OR</u>		
	<u>OR</u>		<u>OR</u>		
W&F BIO 10	Wildl Ecol Conserve	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
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SOILSCI 10	Soils in Our Environment	(3)	HORT 120	Soil Science and Management	(3)
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCIO 120	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to Social Problems	(3)
			OR		
			SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILO 122	Introduction to Ethics	(3)

END OF MAJOR

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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](https://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 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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	COMM 120	Public Speaking	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL 123	Critical Thinking: Composition and Literature	(3)
OR				OR	

UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
OR			OR		
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
OR			OR		
UWRITING 19	Wrtg Research Papers	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 49					

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

ONE COURSE FROM THE FOLLOWING:

STATIST 10	Statist Thinking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 12	Discrete Probabil	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			<u>OR</u>		
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>		
			BUS 240	Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

ONE COURSE FROM THE FOLLOWING:

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
			OR		
POL SCI 3	Internatl Relations	(4)	POLSC 220	Comparative Politics	(3)
			POLSC 250	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	SOCSC 111	Money, Power and Politics in the United States	(3)
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 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: COMUNCN 12Y, PSYCH 12Y				
SOCIOL 12Y				
POL SCI 51	Scientific Study of Politics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

SOCIOL 1	Intro Sociology	(5)		SOCIO 120	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)		PSYCH 225	Social Psychology	(3)
SOCIOL 3	Social Problems	(4)		SOCIO 121	Introduction to Social Problems	(3)
				OR		
				SOCIO 122	Critical Thinking About Social and Cultural Issues	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 25	Popular Culture	(4)		SOCSC 123	American Popular Culture	(3)
SOCIOL 30A	Multicultural Societies	(3)		NO COMPARABLE COURSE		
SOCIOL 30B	Multicultural Societies	(3)		NO COMPARABLE COURSE		
SOCIOL 46A	Intro Social Rsch	(4)		SOCIO 123	Introduction to Social Research	(3)
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

AND ONE COURSE IN A PHYSICAL SCIENCE

ALL OF THE FOLLOWING COURSES:

LND ARC 1	Intro Environ Design	(4)		HORT 180	Introduction to Landscape Architecture	(3)
LND ARC 2	Place,Culture,Community	(4)		NO COMPARABLE COURSE		
LND ARC 3	Sustainable Development	(4)		NO COMPARABLE COURSE		
LND ARC 21	Design Visualization	(5)		HORT 181	Landscape Design I: Graphics	(3)

As of F17, units = 4

As of F17, title = Land Rep I

LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE		
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LND ARC 50	Site Ecology	(4)		NO COMPARABLE COURSE		
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LND ARC 70	Introduction to Spacemaking	(5)		NO COMPARABLE COURSE		
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As of F17, units = 4

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE	
	OR			
B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming (4)
			OR	
			COMSC 165	Advanced Programming with C and C++ (4)
			OR	
			COMSC 255	Programming with Java (4)
			OR	
			ENGIN 135	Programming for Scientists and Engineers (4)

As of F18, Course Number = ENG CS 36A

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 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR 130	Cultural Anthropology	(3)
As of W17, units=5					
	OR			OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE		
	OR			OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS 195	History of Prehistoric and Ancient Art	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS 196	History of Medieval and Renaissance Art	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to 20th Century Art	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	ARTHS 193	History of Asian Art	(3)

ALL OF THE FOLLOWING COURSES:

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
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OR			OR		
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Elementary Physics	(3)
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PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
<hr/>			<hr/>		
SOCIOL 2	Self and Society	(4)	PSYCH 225	Social Psychology	(3)
<hr/>			<hr/>		
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as: STATIST 13Y			OR		
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
<hr/>			<hr/>		
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
<hr/>			<hr/>		
MGMT 11A	Elem Accounting	(4)	BUSAC 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting	(4)	BUSAC 187	Managerial Accounting	(4)
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CHEM 10	Concept of Chem	(4)	CHEM 106	Chemistry for Non-Science Majors	(4)
OR			OR		
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
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MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
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MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
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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 183	Calculus for Management, Life Science and Social Science 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.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

===Textiles and Clothing B.S. (Textile Science)===

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and

Environmental Sciences is suspended for 2018-19, and fall 2018 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 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
	OR		OR
B) ENG CS 15	Intro to Computers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110 Introduction to Programming (4)
			OR
			COMSC 165 Advanced Programming (4) with C and C++
			OR
			COMSC 255 Programming with Java (4)
			OR
			ENGIN 135 Programming for Scientists and Engineers (4)

As of F18, Course Number = ENG CS 36A

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 221 Principles of Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)	ECON 220 Principles of Macroeconomics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	As of W17, units=5	ANTHR 130	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)		ARTHS 195	History of Prehistoric and Ancient Art	(3)
	OR				OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ARTHS 196	History of Medieval	(3)

			and Renaissance Art	
OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to 20th Century Art (3)
OR			OR	
ARTHI 1D	Arts of Asia	(4)	ARTHS 193	History of Asian Art (3)

ALL OF THE FOLLOWING COURSES:

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I (4)
OR			OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110	Elementary Physics (3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology (3)
SOCIOL 2	Self and Society	(4)	PSYCH 225	Social Psychology (3)
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II (4)
Same as: STATIST 13Y			OR	
			MATH 142	Elementary Statistics with Probability (4)
			OR	
			BUS 240	Business Statistics (3)
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I (5)
			CHEM 121	General College Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II (5)
MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I (4)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 294	Business Law (3)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I (5)
			CHEM 227	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 227	Organic Chemistry II (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUSAC 186	Financial Accounting (4)
MGMT 11B	Elem Accounting	(4)	BUSAC 187	Managerial Accounting (4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II (4)
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for (4)

				Management, Life Science and Social Science II	
SOCIOL 25	Popular Culture	(4)	SOCSC 123	American Popular Culture	(3)

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.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====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 2016-18 [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.

SELECT 4 UNITS FROM THE FOLLOWING:

o) DRAMART 21A	Fundamentals of Act	(4)	DRAMA 122	Basic Principles of Acting	(3)
DRAMART 40A	Beg Modern Dance	(2)	DANCE 232	Modern Dance I	(1)
			OR		
			KNDAN 130A	Modern Dance Fundamentals I	(.5-2)
DRAMART 40B	Int Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 42A	Beg Ballet	(2)	DANCE 212	Ballet I	(1)
			OR		
			KNDAN 110A	Ballet Fundamentals I	(.5-2)
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

- o) Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.

====Viticulture and Enology 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. 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 2016-18 [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 130	Principles of Cellular and Molecular Biology	(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 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM 120 &	General College Chemistry I	(5)
				CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 121	General College Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)		CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM 227	Organic Chemistry II	(5)

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

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
	AND			AND	
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General College Physics II	(4)
	OR			OR	
j) PHYSICS 7A	General Physics	(4)	PHYS 120 & PHYS 121	General College Physics I & 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

j) **Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.**

====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.

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL 122	Freshman English:	(3)
				Composition and	
				Reading	

COMUNCN 1	AND Intro Public Spkg	(4)	COMM 120	AND Public Speaking	(3)
COMUNCN 3	OR Intprsnl Com Cmpetnce	(4)	COMM 128	OR Interpersonal Communication	(3)
o) DRAMART 10	OR Intro To Acting	(4)	DRAMA 122	OR Basic Principles of Acting	(3)

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 & CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

j) PHYSICS 1A	Principles Physics	(3)	PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 121	General 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)	BIOSC 126	Ecology and Field Biology	(4)
W&F BIO 51	Intro to Conservation Biology	(3)	NO COMPARABLE COURSE		

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

j) PHYSICS 7A	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 &	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)

END OF MAJOR

- o) Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.
j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 &	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM 227	Organic Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 226 & CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 & CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	PHYS 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) BIMEDEN 1	Intro Biomedical Engr	(2)	NO COMPARABLE COURSE		
a) BIMEDEN 20	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE		
a) ENGIN 4	Graphics in Design	(3)	ENGIN 120 OR ENGIN 121	Engineering Drawing Engineering Drawing/Descriptive Geometry	(3) (3)
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)
a) ENGIN 17	Circuits I	(4)	ENGIN 230	Introduction to Circuits and Devices	(4)

a) ENGIN 35	Statics	(4)		ENGIN 255	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)		ENGIN 240	Properties of Engineering Materials	(4)
ENG CS 20	C Sci/Discrete Math	(4)		MATH 195	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)		COMSC 110	Introduction to Programming	(4)
				<u>OR</u>		
				COMSC 165	Advanced Programming with C and C++	(4)
				<u>OR</u>		
				COMSC 255	Programming with Java	(4)
				<u>OR</u>		
				ENGIN 135	Programming for Scientists and Engineers	(4)
As of F18, Course Number = ENG CS 36A						
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		COMSC 200	Object Oriented Programming C++	(4)
As of F18, Course Number = ENG CS 36B						
ENG CS 50	Machine Dependent Prog	(4)		COMSC 260	Assembly Language Programming/Computer Organization	(4)
ENG CS 60	Data Structures & Programming	(4)		COMSC 210	Program Design and Data Structures	(4)
As of F18, Course Number = ENG CS 36C						
a) ENG BS 1	Biosys Engr Fndts	(4)		NO COMPARABLE COURSE		
a) ENG BS 75	Prop Mat in Bio Sys	(4)		NO COMPARABLE COURSE		
a) ENG MEC 50	Mfg Processes	(4)		NO COMPARABLE COURSE		
a) ENG CHM 51	Material Balances	(4)		NO COMPARABLE COURSE		
ENG CHM 60	Engineering Problem Solv	(4)				
a) ENG CHM 80	Chem Engr Profession	(1)		NO COMPARABLE COURSE		
UWRITING 1	Expository Writing	(4)		ENGL 122	Freshman English: Composition and Reading	(3)
ENGLISH 3	Intro to Lit	(4)		ENGL 123	Critical Thinking: Composition and Literature	(3)
COMUNCN 1	Intro Public Spkg	(4)		COMM 120	Public Speaking	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMM 128	Interpersonal Communication	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)		BIOSC 131	Principles of	(5)

& Evolution			Organismal Biology, Evolution and Ecology		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
f) GEOLOGY 50 m)	Physical Geology	(3)	GEOL 120	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

END OF MAJOR

- a) This articulation is approved for engineering majors.
- f) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- m) If a student takes GEOL 120 at Diablo Valley College, credit will be given for UC Davis' GEOLOGY 1 or 50, not both.