

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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9B	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9C	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)

			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

a) ENGIN 4	Graphics in Design	(3)	NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
a) ENGIN 35	Statics	(4)	ENGR 152	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGR 151 &	Materials of Engineering	(3)
			ENGR 151L	Materials of Engineering Lab	(1)

a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

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 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	<u>OR</u>		<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking- Honors	(3)
	<u>OR</u>		<u>OR</u>		
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	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:

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Transfer Admission Guarantee (TAG) Note:

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

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

College Foreign Language Requirement Note:

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

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

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available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (4) | ANTHRO 103 Cultural (3)
Anthropology
As of W17, units=5
ECON 1A Princ of Microecon (4) | ECON 202 Microeconomics (3)
ECON 1B Princ of Macroecon (4) | ECON 201 Macroeconomics (3)
SOCIO 1 Intro Sociology (5) | SOCI 101 Introduction to (3)
Sociology
POL SCI 1 Amer Natl Govt (4) | POLISC 150 Introduction to (3)
American Government
and Politics
POL SCI 2 Intro Comp Politics (4) | POLISC 250 Comparative (3)
Government and
Politics
PSYCH 1 General Psychology (4) | PSYCH 101 Introduction to (3)
Psychology
OR
PSYCH 101H Introduction to (3)
Psychology - Honors

ONE COURSE FROM THE FOLLOWING:

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

TWO COURSES FROM THE FOLLOWING:

HISTORY 15 Intro African Hist (4) | NO COMPARABLE COURSE
Course discontinued as of S18
HISTORY 17A U.S. History (4) | HIST 111 United States History (3)
I
HISTORY 17B U.S. History (4) | HIST 112 United States History (3)
II

4 QUARTER UNITS FROM THE FOLLOWING:

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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HISTORY 17A	U.S. History	(4)		HIST 111	United States History	(3)
					I	
	OR			OR		
POL SCI 1	Amer Natl Govt	(4)		POLISC 150	Introduction to	(3)
					American Government	
					and Politics	

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

AN SCI 1	Domest Ani & People	(4)		NO COMPARABLE COURSE		
AN SCI 2	Intro Animal Sci	(4)		NO COMPARABLE COURSE		
AN SCI 21	Livestock&Dairy Jdg	(2)		NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)		NO COMPARABLE COURSE		
ABIOSYT 16	Metal Prop & Fabr	(2)		NO COURSE ARTICULATED: College has not		
				submitted course(s)for articulation		
ABIOSYT 49	Fld Equip Oper	(2)		NO COMPARABLE COURSE		
ABIOSYT 52	Field Equip Welding	(2)		NO COURSE ARTICULATED: College has not		
				submitted course(s)for articulation		
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COMPARABLE COURSE		
	AND			AND		
ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
	OR			OR		
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)
ENVHORT 1	Intro Envhort/Urb For	(3)		NO COMPARABLE COURSE		
ENVHORT 6	Intro Environ Plants	(4)		NO COMPARABLE COURSE		
PL SCI 5	Plants Gard, Orch & Land	(2)		NO COMPARABLE COURSE		
FORMERLY PLANT BIO 1						
ENV S&P 10	Current Issues in	(3)		NO COMPARABLE COURSE		

	Environment		
ENV S&P 10 not open for credit to students who have completed ENV S&P 1			
ENV TOX 10	Intro Environ Toxicology	(3)	NO COMPARABLE COURSE
HYDRO S 10	Water, Power, Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: SCI&SOC 10			
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
VIT-ENO 2	Intro to Viticult	(2)	NO COMPARABLE COURSE
VIT-ENO 3	Intro Winemaking	(3)	NO COMPARABLE COURSE

ALL OF THE FOLLOWING COURSES:

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
GEOLOGY 20	California Geology	(2)	GEOL 105	Geology of California	(3)
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)

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

END OF MAJOR

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE

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

ONE COURSE FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)		NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)		NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)		NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103 Cultural Anthropology	(3)
As of W17, units=5					
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE	
WOM STD 50	Intro Gender Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ONE COURSE FROM THE FOLLOWING:

HISTORY 17A	U.S. History	(4)		HIST 111 United States History I	(3)
HISTORY 17B	U.S. History	(4)		HIST 112 United States History II	(3)
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE	

ONE COURSE FROM THE FOLLOWING:

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

END OF MAJOR

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

Special Advising 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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		

PSYCH 104 Statistics for the (3)
Behavioral Sciences

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

END OF MAJOR

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

Special Advising Note:

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

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

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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.

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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)		BIOLSCI 107	Molecular and Cellular Biology (4)
				<u>OR</u>	
				BIOLSCI 107H	Molecular and Cellular Biology - Honors (4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOLSCI 106	Organismal and Environmental Biology (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOLSCI 106	Organismal and Environmental Biology (4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I (6)
				<u>OR</u>	
				CHEM 201H	General Chemistry I - Honors (6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I (6)
				CHEM 202	General Chemistry II (5)
<hr/>					
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
<hr/>					
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of Accounting I	(5)
			BUS 202	Principles of Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	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 Hub (3) | NO COMPARABLE COURSE

LIVESTOCK SPECIALIZATION

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

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18 Business Law (4) | 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.**

====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.

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

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

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

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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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I General Chemistry II	(6) (5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
				OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I Organic Chemistry II	(5) (5)

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
				OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not		

				submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

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

AVIAN SCIENCES

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

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

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

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

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

Special Advising Note:

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

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

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EVOLUTIONARY EMPHASIS:

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5						
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 105	Introduction to Archeology	(3)

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y				<u>OR</u>		
				MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>		

				PSYCH 104	Statistics for the	(3)
					Behavioral Sciences	
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)		ANTHRO 103	Cultural	(3)
					Anthropology	
As of W17, units=5						

TWO COURSES FROM THE FOLLOWING:

ANTHRO 1	Human Evol Biol	(4)		ANTHRO 101	Physical	(3)
					Anthropology	
				<u>OR</u>		
				ANTHRO 101H	Physical	(3)
					Anthropology -	
					Honors	
ANTHRO 3	Intr to Archaeology	(4)		ANTHRO 105	Introduction to	(3)
					Archeology	
ANTHRO 4	Anthro Linguistics	(4)		NO COMPARABLE	COURSE	

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

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

END OF MAJOR

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

Special Advising Note:

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			OR		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 105	Introduction to Archeology	(3)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I & Organic Chemistry II	(5) (5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(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	
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)

END OF MAJOR

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's 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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)

Or high school equivalent

MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
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.

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	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)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
		<u>OR</u>		
		CMPSCI 235	C Programming	(3)
As of F18, Course Number = ENG CS 36A				
ENG CS 40	Sftwr/Obj-Orien:C++ (4)	CMPSCI 236	C++ Object Oriented Programming	(3)
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)	BIOSCI 107	Molecular and Cellular Biology	(4)
		<u>OR</u>		
		BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution (5)	BIOSCI 106	Organismal and Environmental Biology	(4)
		<u>OR</u>		
CHEM 2A	Genl Chemistry (5)	CHEM 201	General Chemistry I	(6)
		<u>OR</u>		
		CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry (5)	CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
		<u>OR</u>		
ECON 1A	Princ of Microecon (4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon (4)	ECON 201	Macroeconomics	(3)
		<u>OR</u>		
PHYSICS 9A	Classical Physics (5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics (5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

				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)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	DEPENDING ON AREA OF CONCENTRATION:				
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

PHYSICS 80 Experimental Techniques (4)

ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

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 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
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As of F18, Course Number = ENG CS 36B

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
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PHYSICAL OCEANOGRAPHY CONCENTRATION

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
	OR		OR		
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)	ART 110	Art History: Ancient to Medieval	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 124A	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 235	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 227	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 11	Beginning Printmaking	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
ART 24	Intro Experimental Video and Film	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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College Foreign Language Requirement Note:

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

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 124A	Drawing I	(3)
ART 5	Beginning Sculpture	(4)	ART 235	Sculpture	(3)
ART 7	Beginning Painting	(4)	ART 227	Painting I	(3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:

ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110	Art History: Ancient to Medieval	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		
ARTHI 1E	Islamic Art & Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE		
ARTHI 25	Understanding Architecture	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: FD S&T 55			

AMR STD 59	Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 5	Intro NA Literature	(4)	NO COMPARABLE COURSE
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4)	NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4)	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:			
ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE
ART 10	Fine Art Appreciation	(3)	ART 205 Landmarks of Art and Visual Culture (3)
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)	PHILOS 106 Critical Reasoning (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 103 Introduction to Behavioral Research (3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory Statistics (4)
Same as: STATIST 13Y			
OR			
	MATH 140H		Introductory Statistics - Honors (4)
OR			
	PSYCH 104		Statistics for the Behavioral Sciences (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 COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			<u>OR</u>	
			CHEM 201H	General Chemistry I - Honors (6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
			CHEM 202	General Chemistry II (5)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA (3)
			<u>OR</u>	
			CMPSCI 235	C Programming (3)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

MATH 21A	Calculus	(4)	MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III (5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III (5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations (3)

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
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PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids (4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism (4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern (4)

PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
STATIST 13 Same as: STATIST 13Y	Elementary Statistics	(4)	MATH 140		Introductory Statistics	(4)
				<u>OR</u>		
			MATH 140H		Introductory Statistics - Honors	(4)
			<u>OR</u>			
			PSYCH 104		Statistics for the Behavioral Sciences	(3)

PREPARATION FOR GRADUATION:

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

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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for	(4)

				Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
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a) CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201	<u>&</u> General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
a) CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
a) CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
a) CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
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a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)

	<u>OR</u>			
		BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)

ENG CHM 60	Engineering Problem Solv	(4)		
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA (3)

	<u>OR</u>			
		CMPSCI 235	C Programming	(3)

	<u>OR</u>			
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE	

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 101	English Composition (3)
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	<u>OR</u>			
		ENGL 101H	Honors - English Composition	(4)

	<u>OR</u>			
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a) ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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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.

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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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		
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
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PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
			PHYSIC 110 & PHYSIC 111	General Physics II	(4)

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

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I (5)
				CHEM 256	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II (5)

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE	
	OR			OR	
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I (4)
				PHYSIC 111	General Physics II (4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II (5)

MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21C	Calculus	(4)		MATH 213	Calculus III (5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

====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 211 Calculus I (5)

a) MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)

a) CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)

a) CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)

a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)		ENGR 153	Electrical Circuits	(4)
a) ENGIN 35	Statics	(4)		ENGR 152	Statics	(3)

a) UWRITING 1	Expository Writing	(4)		ENGL 101	English Composition	(3)
				<u>OR</u>		
				ENGL 101H	Honors - English Composition	(4)

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)		COMS 105	Fundamentals of Public Speaking	(3)
				<u>OR</u>		
				COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR			OR		

a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS 246	Interpersonal Communication	(3)

REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
	OR			OR		
a) CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
	AND			AND		
a) CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
a) CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(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	(5)		BIOSCI 106	Organismal and Environmental	(4)

	AND				Biology	
a) BIOLSCI 2C	Intro Biology:	(5)		BIOSCI 106	AND	
	Biodiversity & the				Organismal and	(4)
	Tree of Life				Environmental	
					Biology	

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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

					Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) CHEM 2A	Genl Chemistry	(5)	CHEM 201		General Chemistry I	(6)
				OR		
			CHEM 201H		General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201	&	General Chemistry I	(6)
			CHEM 202		General Chemistry II	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 202		General Chemistry II	(5)

a) CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE			
a) CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE			
	OR				OR	
a) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255		Organic Chemistry I	(5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255	&	Organic Chemistry I	(5)
			CHEM 256		Organic Chemistry II	(5)

a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE			
a) ENGIN 17	Circuits I	(4)	ENGR 153		Electrical Circuits	(4)

a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107		Molecular and Cellular Biology	(4)
				OR		
			BIOSCI 107H		Molecular and Cellular Biology - Honors	(4)

a) UWRITING 1	Expository Writing	(4)	ENGL 101		English Composition	(3)
				OR		
			ENGL 101H		Honors - English Composition	(4)
	OR				OR	
a) ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation			

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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOTECH 1Y	Introduction to Biotechnology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
	<u>OR</u>			<u>OR</u>		

CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

COURSEWORK FOR BIOINFORMATICS OPTION:

ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
			NO COMPARABLE COURSE		
ENG CS 50	Machine Dependent Prog	(4)	CMPSCI 282	Advanced Data Structures	(3)
ENG CS 60	Data Structures & Programming	(4)			

As of F18, Course Number = ENG CS 36C

END OF MAJOR

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

Special Advising Note:

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

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

reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
				Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
				General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

====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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9B	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9C	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
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				<u>OR</u>			
					CHEM 201H	General Chemistry I -	(6)
						Honors	
a)	CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
					CHEM 202	General Chemistry II	(5)
a)	CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
a)	CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I	(5)
a)	CHEM 128B	Organic Chemistry	(3)		CHEM 255 &	Organic Chemistry I	(5)
					CHEM 256	Organic Chemistry II	(5)
a)	CHEM 129A	Organic Chem Lab	(2)		CHEM 255	Organic Chemistry I	(5)

ENG CHM 60	Engineering Problem Solv		(4)				
	<u>OR</u>					<u>OR</u>	
a)	ENG CS 30	Programming&Prob Solving	(4)		CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
					<u>OR</u>		
					CMPSCI 235	C Programming	(3)
						<u>OR</u>	
a)	ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		

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)		ENGR 153	Electrical Circuits	(4)
	<u>OR</u>					<u>OR</u>	
ENGIN 35	Statics		(4)		ENGR 152	Statics	(3)
	<u>OR</u>					<u>OR</u>	
a)	ENGIN 45	Prop of Mats	(4)		ENGR 151 &	Materials of Engineering	(3)
					ENGR 151L	Materials of Engineering Lab	(1)

a)	UWRITING 1	Expository Writing	(4)		ENGL 101	English Composition	(3)
					<u>OR</u>		
					ENGL 101H	Honors - English Composition	(4)
						<u>OR</u>	
a)	ENGLISH 3	Intro to Lit	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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)		BIOSCI 107	Molecular and Cellular Biology	(4)
					<u>OR</u>		
					BIOSCI 107H	Molecular and Cellular Biology -	(4)

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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	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 215	Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for	(4)

	Scientists and Engineers: Mechanics of Solids and Fluids	
PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	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 215	Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256	Organic Chemistry II	(5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE
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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 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Optics and Modern Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)

STATIST 13	Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140	Introductory Statistics	(4)
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
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				<u>OR</u>	CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	<u>&</u>	CHEM 201	General Chemistry I	(6)	
				CHEM 202	General Chemistry II	(5)	
CHEM 2C	Genl Chemistry	(5)	<u>&</u>	CHEM 202	General Chemistry II	(5)	
				<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		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	<u>&</u>	PHYSIC 110	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	<u>&</u>	PHYSIC 110	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	<u>&</u>	PHYSIC 110	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

				<u>OR</u>			
PHYSICS 9A	Classical Physics	(5)	<u>&</u>	PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)	
				PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism	(4)	
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	
PHYSICS 9B	Classical Physics	(5)	<u>&</u>	PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)	
				PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism	(4)	
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	
PHYSICS 9C	Classical Physics	(5)	<u>&</u>	PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)	
				PHYSIC 221	Physics for Scientists and Engineers:	(4)	

				PHYSIC 222	Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)	
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)	
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)	
	OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)	
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)	
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)	
			OR			
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)	
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)	
	Same as: STATIST 13Y		OR			
			MATH 140H	Introductory Statistics - Honors	(4)	
			OR			
			PSYCH 104	Statistics for the Behavioral Sciences	(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 255	Organic Chemistry I	(5)	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)	
			CHEM 256	Organic Chemistry II	(5)	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)	
	OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)	
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)	
			CHEM 256	Organic Chemistry II	(5)	
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)	
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)	
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)	
			CHEM 256	Organic Chemistry II	(5)	

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	NO COMPARABLE COURSE
<hr/>			
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 101	Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 &	Elementary Spanish I	(4)
			SPAN 102	Elementary Spanish II	(4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Elementary Spanish II	(4)
	OR			OR	
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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		
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CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
	OR		OR
CHICANO 40	Comparative Health	(4)	NO 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

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 103 Introduction to Behavioral Research (3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE

SPANISH 1	Elementary Spanish	(5)	SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 & Elementary Spanish I (4)
			SPAN 102 Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102 Elementary Spanish II (4)
	OR		OR
SPANISH 28	Inter Conversation	(2)	NO COMPARABLE COURSE
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated

here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

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

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

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

x) CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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			
CINE&TS 20	Filmmaking Foundations	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

Select two of the following courses:

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

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)

a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and	(4)

				Engineers: Electricity and Magnetism		
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	
a)	PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)	
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)	

a)	CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
a)	CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)

a)	ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
		<u>OR</u>			<u>OR</u>	
a)	ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
				<u>OR</u>		
				CMPSCI 235	C Programming	(3)

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)	ENGR 152	Statics	(3)
a)	UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
				<u>OR</u>		
				ENGL 101H	Honors - English Composition	(4)
		<u>OR</u>			<u>OR</u>	
a)	ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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)		COMS 105	Fundamentals of Public Speaking	(3)
				<u>OR</u>		
				COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR				OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS 246	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 COMPARABLE COURSE
LATIN 2	Elementary Latin	(5)	NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5)	NO COMPARABLE COURSE
	OR		OR
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110 Art History: Ancient to (3) Medieval
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)	NO COMPARABLE COURSE
PHILOS 21	Phil: Ancient	(4)	PHILOS 110 History of Ancient (3) Philosophy
	As of F17, title = Phil Classics: Ancient		
REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
	As of F18, title = The Bible		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

END OF MAJOR**====Classical Civilization (Classical Languages & Literature) A.B.====**

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
	OR		OR
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE

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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			OR		
			ENGL 101H	Honors - English Composition	(4)

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
	OR			OR	
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		

			PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR			OR	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
	OR			OR	
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5					
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(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](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.

LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE	
PHILOS 10	Intro Cognitive Science	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 12	Intro to Symbol Logic	(4)		PHILOS 230 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)
				<u>OR</u>	
				PSYCH 101H Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)		PSYCH 103 Introduction to Behavioral Research	(3)
STATIST 13	Elementary Statistics	(4)		MATH 140 Introductory Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>	
				MATH 140H Introductory Statistics - Honors	(4)
				<u>OR</u>	
				PSYCH 104 Statistics for the Behavioral Sciences	(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)	CMPSCI 256	Discrete Structures	(3)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
As of F18, Course Number = ENG CS 36A			CMPSCI 235	C Programming	(3)
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 60	Data Structures & Programming	(4)	CMPSCI 282	Advanced Data Structures	(3)
As of F18, Course Number = ENG CS 36C					

LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	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		
PHILOS 12	Intro to Symbol Logic	(4)	PHILOS 230	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)
			<u>OR</u>		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)

Same as: STATIST 13Y

OR

MATH 140H	Introductory Statistics - Honors	(4)
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OR

PSYCH 104	Statistics for the Behavioral Sciences	(3)
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Emphasis 2: Neuroscience

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOLSCI 107	Molecular and Cellular Biology	(4)
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OR

BIOLSCI 107H	Molecular and Cellular Biology - Honors	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 106	Organismal and Environmental Biology	(4)
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BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOLSCI 106	Organismal and Environmental Biology	(4)
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LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
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PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

OR

PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
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PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
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PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
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PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and	(4)
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				Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
				<u>OR</u>	
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>	
			MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE		
	OR			OR	
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
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COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	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	
	OR			OR	
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation		
	Same as: COMUNCN 5				
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COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
<hr/>					
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		

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

PHILOS 12	OR Intro to Symbol Logic	(4)	PHILOS 230	OR Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR PSYCH 101H	Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
STATIST 13	OR Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140	Introductory Statistics	(4)
			OR MATH 140H	Introductory Statistics - Honors	(4)
			OR PSYCH 104	Statistics for the Behavioral Sciences	(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](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

Davis decides 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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE		
ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED:	College has not	

				submitted course(s)for articulation	
N A STD 5	Intro NA Literature	(4)		NO COMPARABLE COURSE	
UWRITING 1	Expository Writing	(4)		ENGL 101	English Composition (3)
				<u>OR</u>	
				ENGL 101H	Honors - English (4)
					Composition
e) UWRITING 18	Style in the Essay	(4)		ENGL 103	Critical Reading, (3)
					Writing and Thinking
	As of F17, Course Number = UWRITING 48				
e) UWRITING 19	Wrtg Research	(4)		ENGL 103	Critical Reading, (3)
	Papers				Writing and Thinking
	As of F17, Course Number = UWRITING 49				

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

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE	
	<u>OR</u>			<u>OR</u>	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	

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

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics (3)
	<u>OR</u>			<u>OR</u>	
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics (3)

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural (3)
					Anthropology
	As of W17, units=5				
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to (3)
					Sociology

STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory (4)
	Same as: STATIST 13Y				Statistics
				<u>OR</u>	
				MATH 140H	Introductory (4)
					Statistics - Honors
				<u>OR</u>	
				PSYCH 104	Statistics for the (3)
					Behavioral Sciences
	<u>OR</u>			<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science				
	<u>OR</u>			<u>OR</u>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	

END OF MAJOR

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- 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)		NO COMPARABLE COURSE
	OR			OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COMPARABLE COURSE
	OR			OR
COMPLIT 3	Major Books-The Modern Crisis	(4)		NO COMPARABLE COURSE
	OR			OR
COMPLIT 4	Maj Books:Cont Wrld	(4)		NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE	
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE	
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE	
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE	
COMPLIT 6	Myths & Legends	(4)	ENGL 271 Mythology	(3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE	
COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE	
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE	
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: GERMAN 11			
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE	
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE	
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE	
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE	
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE	
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE	
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

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

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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for	(4)
					Scientists and	
					Engineers: Mechanics	
					of Solids and	
					Fluids	
				PHYSIC 221	& Physics for	(4)

				Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
a) ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
a) ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256	Discrete Structures	(3)
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 235	C Programming	(3)
			CMPSCI 236	C++ Object Oriented Programming	(3)
a) ENG CS 60	Data Structures & Programming	(4)	CMPSCI 282	Advanced Data Structures	(3)
a) UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English	(4)

	OR		Composition OR
a) ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
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a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for	(4)
					Scientists and	
					Engineers: Mechanics	
					of Solids and	

			PHYSIC 221	<u>&</u>	Fluids Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE			
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201		General Chemistry I	(6)
				<u>OR</u>		
			CHEM 201H		General Chemistry I - Honors	(6)
a) ENGIN 17	Circuits I	(4)	ENGR 153		Electrical Circuits	(4)
a) ENG CS 20	C Sci/Discrete Math	(4)	CMPSCI 256		Discrete Structures	(3)
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111		Introduction to Computer Algorithms and Programming/JAVA	(3)
				<u>OR</u>		
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 235		C Programming	(3)
			CMPSCI 236		C++ Object Oriented Programming	(3)
a) ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE			
a) ENG CS 60	Data Structures & Programming	(4)	CMPSCI 282		Advanced Data Structures	(3)

a) UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	OR			OR	

a) ENGLISH 3 Intro to Lit (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking- Honors	(3)

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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	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)	CMPSCI 256	Discrete Structures	(3)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)

OR

CMPSCI 235	C Programming	(3)
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As of F18, Course Number = ENG CS 36A

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
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As of F18, Course Number = ENG CS 36B

ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 60	Data Structures & Programming	(4)	CMPSCI 282	Advanced Data Structures	(3)

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 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR			OR	

Group Two:

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
	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)	PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
MATH 21D	Vector Analysis	(4)	MATH 213 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.

 DESIGN 31 Photo for Designers (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

 DESIGN 1 Intro to Design (4) | NO COMPARABLE COURSE

DESIGN 14 Design Drawing (4) | ART 124A Drawing I (3)
 OR OR

DESIGN 21 Drafting and Perspective (4) | NO COMPARABLE COURSE

DESIGN 15 Form & Color (4) | ART 140 Beginning Design: (3)
 Two-Dimensional Media
 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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE

UWRITING 11	Pop Sci & Technol Wrtnng	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
UWRITING 12	Writing/Visual Rhetoric	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
e) UWRITING 18	Style in the Essay	(4)	ENGL 103 Critical Reading, Writing and Thinking (3)
	As of F17, Course Number = UWRITING 48		
	OR		OR
e) UWRITING 19	Wrtg Research Papers	(4)	ENGL 103 Critical Reading, Writing and Thinking (3)
	As of F17, Course Number = UWRITING 49		

END OF MAJOR

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

====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://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.

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

ONE COURSE FROM THE FOLLOWING:

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

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

x)	CHINESE 1	Elem Chinese	(5)	NO COMPARABLE COURSE
x)	CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
		OR		
y)	JPNESE 1	Elem Japanese	(5)	NO COMPARABLE COURSE
y)	JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE

END OF MAJOR

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

before enrolling in UC Davis Japanese language courses; duplication of credit may result.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & General Chemistry II	(6) (5)
<hr/>						
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	OR			OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I & General Physics II	(4) (4)

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

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I (5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II (5)

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

PREPARATION FOR GRADUATION:

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

END OF MAJOR

====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 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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					

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
<u>OR</u>			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

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

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
a) ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

REQUIRED FOR GRADUATION:

a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
a) UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	<u>OR</u>			<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	<u>OR</u>			<u>OR</u>	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	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.

====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)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR	
UWRITING 1	Expository Writing	(4)		ENGL 101	English Composition (3)
				OR	
				ENGL 101H	Honors - English Composition (4)

ENGLISH 10A	Literatures in English I: To 1700	(4)		ENGL 250	British Literature I (3)
b) ENGLISH 10B	Literatures in English II: 1700-1900	(4)		ENGL 251	British Literature II (3)
				OR	
b) ENGLISH 10C	Literatures in English III: 1900 to Present	(4)		ENGL 260	American Literature I (3)
				ENGL 251	British Literature II (3)
				OR	
				ENGL 261	American Literature II (3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH 40	Intro Topics in Lit	(4)		ENGL 270	Introduction to African American Literature (3)
ENGLISH 43	Intro Topics in Drama	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ENGLISH 44	Intro Topics in Fiction	(4)		ENGL 264	Study of Fiction (3)
ENGLISH 45	Intro Topics in Poetry	(4)		ENGL 263	Introduction to Poetry (3)

END OF MAJOR

b) **If a student takes ENGL 251 at College of the Canyons, credit will be given for UC Davis's ENGLISH 10B Or ENGLISH 10C, not both; maximum credit one course at UC Davis.**

====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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

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

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(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		

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

====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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

ENGIN 35	Statics	(4)	ENGR 152	Statics	(3)
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ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition (3)
			OR	
			ENGL 101H	Honors - English Composition (4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
	OR			OR
c) GEOLOGY 50 f)	Physical Geology	(3)	GEOL 101	Physical Geology (3)

END OF MAJOR

- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's 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.

ENVHORT 1	Intro Envhort/Urb For	(3)		NO COMPARABLE COURSE		
ENVHORT 6	Intro Environ Plants	(4)		NO COMPARABLE COURSE		
LND ARC 30	History Environ Design	(4)		NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)

			<u>OR</u>			
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)

ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>		
ENV S&P 10	Current Issues in Environment	(3)		NO COMPARABLE COURSE		
	ENV S&P 10 not open for credit to students who have completed ENV S&P 1					
	<u>OR</u>			<u>OR</u>		
ENV S&P 30	Global Ecosystem	(3)		NO COMPARABLE COURSE		
	Same as: ENV SC&M 30					

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

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

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
	<u>OR</u>			<u>OR</u>		
STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y					
				<u>OR</u>		
				MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>		
				PSYCH 104	Statistics for the Behavioral Sciences	(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

URBAN LANDSCAPE MANAGEMENT OPTION

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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					Public Speaking	
				<u>OR</u>		
				COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	<u>OR</u>					
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS 246	Interpersonal Communication	(3)
	<u>OR</u>					
DRAMART 10	Intro To Acting	(4)		NO COMPARABLE COURSE		

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
	<u>OR</u>					
BIOLSCI 10	Everyday Biology	(4)		BIOSCI 100	General Biology	(4)
				<u>OR</u>		
				BIOSCI 100H	General Biology - Honors	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
	<u>OR</u>					
CHEM 10	Concept of Chem	(4)		NO COMPARABLE COURSE		

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
				<u>OR</u>		
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I & II	(6) (5)
				<u>OR</u>		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		

ONE COURSE FROM THE FOLLOWING:						
PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		
	<u>OR</u>					
SCI&SOC 18	GIS & Society	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	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		
f) GEOLOGY 1	The Earth	(4)		GEOL 101	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 COURSE ARTICULATED: College has not submitted course(s) for articulation		

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR			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		

END OF MAJOR

f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's 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:

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

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

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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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-	(3)

COMUNCN 3	OR Intprsnl Com Cmpetnce	(4)	COMS 246	Honors OR Interpersonal Communication	(3)
DRAMART 10	OR Intro To Acting	(4)	NO COMPARABLE COURSE		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	OR BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
CHEM 2B	Genl Chemistry	(5)	OR CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2AH	OR Honors Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I General Chemistry II	(6) (5)
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
c) GEOLOGY 50	OR Physical Geology	(3)	GEOL 101	Physical Geology	(3)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 7A	General Physics	(4)	OR PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I General Physics II	(4) (4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 17A	OR Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		
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RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General 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 140	Introductory Statistics	(4)
Same as: STATIST 13Y						
				OR		
				MATH 140H	Introductory Statistics - Honors	(4)
				OR		
				PSYCH 104	Statistics for the Behavioral Sciences	(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		
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WATERSHED SCIENCE TRACK:

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

END OF MAJOR

- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.

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

Special Advising Note:

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General 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 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I & II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & CHEM 256	Organic Chemistry I & II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & II	(4)

PHYSICS 7C	General Physics	(4)	PHYSIC 111	General Physics II	(4)
			PHYSIC 110	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Biology Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

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

RECOMMENDED:

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental	(4)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Biology Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:					
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

END OF MAJOR

====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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
B) ENG CS 15 Intro to Computers (4)			NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

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 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics	(4)

				of Solids and Fluids	
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			<u>OR</u>	
			MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>	
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
ENGIN 45	Prop of Mats	(4)	ENGR 151	<u>&</u> Materials of Engineering	(3)
			ENGR 151L	Materials of Engineering Lab	(1)

PREPARATION FOR GRADUATION:

CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255	<u>&</u> Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

ELECTIVE COURSES:

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

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

END OF MAJOR

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

====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)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
	AND		AND		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
	AND		AND		
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)

	OR		OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I (5)
	AND		AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I (5)
			CHEM 256	Organic Chemistry II (5)
	AND		AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I (5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)

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

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

NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150	Nutrition (3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II (5)
	OR		OR	
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II (5)
	AND		AND	
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I (5)
			CHEM 256	Organic Chemistry II (5)
	AND		AND	
CHEM 129C	Organic Chem Lab	(2)	CHEM 256	Organic Chemistry II (5)

END OF MAJOR

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

Special Advising Note:

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

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

FRENCH 1	Elementary French	(5)	FRNCH 101	Elementary French I	(4)
FRENCH 2	Elementary French	(5)	FRNCH 101 & FRNCH 102	Elementary French I	(4)
FRENCH 3	Elementary French	(5)	FRNCH 102	Elementary French II	(4)
FRENCH 21	Intermed French	(5)	FRNCH 201	Intermediate French I	(4)
FRENCH 22	Intermed French	(5)	FRNCH 202	Intermediate French	(4)
FRENCH 23	Intermed French	(5)		II	
				NO COMPARABLE COURSE	
LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE	

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

END OF MAJOR

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103 Cultural Anthropology (3)
As of W17, units=5			
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE

COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE	
DRAMART 1	Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE	
ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE	
HISTORY 85	Nat, Man & Mach/Amer	(4)	NO COMPARABLE COURSE	
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE	
N A STD 32	NA Music & Dance	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to Psychology	(3)
			<u>OR</u>	
			PSYCH 101H Introduction to Psychology - Honors	(3)
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 Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOCI 207 Social Problems	(3)
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE	
e) UWRITING 19	Wrtg Research Papers	(4)	ENGL 103 Critical Reading, Writing and Thinking	(3)
	As of F17, Course Number = UWRITING 49			
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

END OF MAJOR

e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

====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.

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	Earth			<u>OR</u>	Cellular Biology	
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
				<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		
CHEM 2CH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
				<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & CHEM 256	Organic Chemistry I	(5)
					Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
				<u>OR</u>		
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 & PHYSIC 111	General Physics I	(4)
					General Physics II	(4)

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

RECOMMENDED:						
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

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h) GEOLOGY 3	History of Life	(3)	GEOL 102	Historical Geology	(4)
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 101L	Physical Geology Laboratory	(1)
GEOLOGY 60	Earth Materials:Intro	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)

MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
	OR				OR	
MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)

PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y			OR		
				MATH 140H	Introductory Statistics - Honors	(4)
				OR		
				PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR			OR		
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science					

RECOMMENDED COURSES:

PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

END OF MAJOR

- h) **This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.**
- c) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- f) **If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**

====Geology 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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h) GEOLOGY 3	History of Life	(3)	GEOL 102	Historical Geology	(4)
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE		
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 101L	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)

PHYSICS 7B	General Physics	(4)	PHYSIC 111	General Physics II	(4)
			PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

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

RECOMMENDED COURSES:

MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General 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 213	Calculus III	(5)
PHYSICS 9A	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

RECOMMENDED COURSES:

MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)		PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics	(4)

					of Solids and Fluids	
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)		PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

RECOMMENDED COURSES:

MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

END OF MAJOR

- h) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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 101	Elementary German I	(4)
GERMAN 2	Elementary German	(5)	GERMAN 101 &	Elementary German I	(4)
			GERMAN 102	Elementary German II	(4)
GERMAN 3	Elementary German	(5)	GERMAN 102	Elementary German II	(4)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GERMAN 21	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GERMAN 22	Intermediate German	(4)	NO COMPARABLE COURSE		

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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GDISBIO 90	Intro Global Disease Bio	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SCI&SOC 13	Disease and Society	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOSCI 107 Molecular and Cellular Biology	(4)
				OR	
				BIOSCI 107H Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106 Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106 Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)		CHEM 201 General Chemistry I	(6)
				OR	
				CHEM 201H General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 & General Chemistry I	(6)
				CHEM 202 General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202 General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE	
				OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255 Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 & Organic Chemistry I	(5)
				CHEM 256 Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHYSICS 7A	General Physics	(4)		PHYSIC 110 & General Physics I	(4)
				PHYSIC 111 General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 & General Physics I	(4)
				PHYSIC 111 General Physics II	(4)

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

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory	(4)
Same as: STATIST 13Y				Statistics	
			<u>OR</u>		
			MATH 140H	Introductory	(4)
				Statistics - Honors	
			<u>OR</u>		
			PSYCH 104	Statistics for the	(3)
				Behavioral Sciences	

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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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

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

C. EUROPEAN HISTORY

HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	HIST 101 History of Western Civilization: The Pre-Industrial West (3)
HISTORY 4B	Western Civ	(4)	HIST 101 & History of Western Civilization: The Pre-Industrial West (3)
			HIST 102 History of Western Civilization: The Modern Era (3)
HISTORY 4C	Western Civ	(4)	HIST 102 History of Western Civilization: The Modern Era (3)

D. LATIN AMERICAN HISTORY

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

E. U.S. HISTORY

HISTORY 17A	U.S. History	(4)	HIST 111 United States History I (3)
HISTORY 17B	U.S. History	(4)	HIST 112 United States History II (3)
HISTORY 18A	Race in America to 1865	(4)	NO COURSE ARTICULATED
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE

F. WORLD HISTORY

HISTORY 10A	World History to 1350	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 10B	World History 1350-1850	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)		ANTHRO 101	Physical Anthropology	(3)
				<u>OR</u>		
				ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
	<u>OR</u>			<u>OR</u>		
BIOLSCI 10	Everyday Biology	(4)		BIOSCI 100	General Biology	(4)
				<u>OR</u>		
				BIOSCI 100H	General Biology - Honors	(4)
	<u>OR</u>			<u>OR</u>		
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>		
NE PH B 12	Human Brain and Disease	(3)		NO COMPARABLE COURSE		
MOL&CB 10	Intro Human Heredity	(4)		BIOSCI 140	Principles of Human Genetics	(3)

Select one course from:

HISTORY 17A	U.S. History	(4)	HIST 111	United States History I	(3)
	OR			OR	
HISTORY 17B	U.S. History	(4)	HIST 112	United States History II	(3)
	OR			OR	
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	OR			OR	
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE		
	OR			OR	
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)

Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE		

NE PH B 10	Elem Human Physio	(3)	BIOSCI 204	Human Anatomy and Physiology I	(4)
			OR		
			BIOSCI 205	Human Anatomy and Physiology II	(4)

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)

Select one of the following options:

PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
	OR			OR	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND			AND	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics	(4)

				of Solids and Fluids	
	PHYSIC 221	<u>&</u>		Physics for Scientists and Engineers: Electricity and Magnetism	(4)
	PHYSIC 222			Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)					
GEOLOGY 50L	Physical Geol Lab	(2)	GEOL 101L	Physical Geology Laboratory	(1)

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

- c) **This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.**
- f) **If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.**

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

Special Advising Note:

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

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

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

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 COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon AND	(4)		ECON 202 AND	Microeconomics (3)

ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	<u>OR</u>		<u>OR</u>		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		

SIX QUARTER UNITS FROM THE FOLLOWING:

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COMPARABLE COURSE		
AN SCI 41	Domestic Ani Prod	(2)	NO 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)	HLHSCI 150	Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARABLE COURSE		
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

TRADE AND ECONOMIC DEVELOPMENT OPTION:

MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	<u>OR</u>		<u>OR</u>		

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5						
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COMPARABLE COURSE		

ENVIRONMENTAL ISSUES OPTION:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		

RURAL COMMUNITIES OPTION:

SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5						

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)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5					
OR			OR		
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 102	History of Western Civilization: The Modern Era	(3)
OR			OR		
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE		
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 12Y	Data Visualization	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y					
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
OR			OR		
OR			OR		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

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

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not		
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ARABIC 2	Elem Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of S17 units = 4			
ARABIC 22	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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)	NO COMPARABLE COURSE
x) CHINESE 2	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 3	Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 4	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 5	Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6	Inter Chinese	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE
OR			OR
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
OR			OR
FRENCH 1	Elementary French	(5)	FRNCH 101 Elementary French I (4)
FRENCH 2	Elementary French	(5)	FRNCH 101 & Elementary French I (4) FRNCH 102 Elementary French II (4)
FRENCH 3	Elementary French	(5)	FRNCH 102 Elementary French II (4)
FRENCH 21	Intermed French	(5)	FRNCH 201 Intermediate French I (4)
FRENCH 22	Intermed French	(5)	FRNCH 202 Intermediate French (4) II
OR			OR
GERMAN 1	Elementary German	(5)	GERMAN 101 Elementary German I (4)
GERMAN 2	Elementary German	(5)	GERMAN 101 & Elementary German I (4) GERMAN 102 Elementary German II (4)
GERMAN 3	Elementary German	(5)	GERMAN 102 Elementary German II (4)
GERMAN 20	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
GERMAN 21	Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR			OR
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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)	NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
OR			OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR			OR
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

OR					OR			
SPANISH 1	Elementary Spanish	(5)		SPAN 101	Elementary Spanish I	(4)		
SPANISH 2	Elementary Spanish	(5)		SPAN 101 &	Elementary Spanish I	(4)		
				SPAN 102	Elementary Spanish II	(4)		
SPANISH 3	Elementary Spanish	(5)		SPAN 102	Elementary Spanish II	(4)		
SPANISH 21	Intm Spanish	(5)		SPAN 201 &	Intermediate Spanish I	(4)		
				SPAN 202	Intermediate Spanish	(4)		
					II			
SPANISH 22	Intm Spanish	(5)		SPAN 201 &	Intermediate Spanish I	(4)		
				SPAN 202	Intermediate Spanish	(4)		
					II			
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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ITALIAN 9	Reading Italian	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)		NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5)		NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)		NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

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

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

Special Advising Note:

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

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			OR		
			ENGL 101H	Honors - English Composition	(4)
	OR		OR		
e) UWRITING 18	Style in the Essay	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	As of F17, Course Number = UWRITING 48				
	OR		OR		
e) UWRITING 19	Wrtg Research Papers	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)

As of F17, Course Number = UWRITING 49

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

ENVHORT 6 Intro Environ Plants (4) | NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
f) GEOLOGY 1	The Earth	(4)	GEOL 101	Physical Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		

LND ARC 1 Intro Environ Design (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

LND ARC 2 Place, Culture, Community (4) | NO COMPARABLE COURSE

LND ARC 3 Sustainable Development (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

LND ARC 21 Design Visualization (5) | NO COMPARABLE COURSE

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

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR		OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE		

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	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 COMPARABLE COURSE		
	OR		OR		
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

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)	BUS 201 &	Principles of Accounting I	(5)
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			BUS 202	Principles of Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
<hr/>					
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
<p>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.</p>					
	OR		OR		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)

			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Marine and Coastal Science B.S. (Marine Ecology and Organismal Biology)====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	AND			AND	
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
<hr/>					
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
<hr/>					
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I	(4)
			PHYSIC 110 & PHYSIC 111	General Physics II	(4)

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

physics.

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

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

and significantly reduces time to degree.

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

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

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

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

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

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR		OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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)	NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

END OF MAJOR

**===Marine and Coastal Science B.S. (Oceans and the Earth System)===
Special Advising Note:**

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

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

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

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

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

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

-Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
			<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

	<u>OR</u>			<u>OR</u>	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat,	(4)

PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Optics and Modern Physics	(4)
				Physics for Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	
PHYSICS 9C	Classical Physics	(5)	PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
			PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

===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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)

			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE			
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201		General Chemistry I	(6)
				OR		
			CHEM 201H		General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201	&	General Chemistry I	(6)
			CHEM 202		General Chemistry II	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM 202		General Chemistry II	(5)
a) ENGIN 17	Circuits I	(4)	ENGR 153		Electrical Circuits	(4)
a) ENGIN 45	Prop of Mats	(4)	ENGR 151	&	Materials of Engineering	(3)
			ENGR 151L		Materials of Engineering Lab	(1)
ENG CHM 60	Engineering Problem Solv	(4)				
			OR			
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111		Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR			

				<u>OR</u>			
					CMPSCI 235	C Programming	(3)
	<u>OR</u>					<u>OR</u>	
a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE			

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 101	English Composition	(3)
				<u>OR</u>		
				ENGL 101H	Honors - English Composition	(4)
	<u>OR</u>				<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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)		COMS 105	Fundamentals of Public Speaking	(3)
				<u>OR</u>		
				COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	<u>OR</u>				<u>OR</u>	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS 246	Interpersonal Communication	(3)

RECOMMENDED COURSES:

a) ENGIN 35	Statics	(4)		ENGR 152	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
	OR			OR	
Or high school equivalent					

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

MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
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 214 Linear Algebra (3)
AND
MATH 108 Intro Abstract Math (4) |This course must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

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

ENG CS 30 Programming&Prob Solving (4) |CMPSCI 111 Introduction to (3)
Computer Algorithms
and Programming/JAVA

OR

CMPSCI 235 C Programming (3)

As of F18, Course Number = ENG CS 36A

ENG CS 40 Sftwr/Obj-Orien:C++ (4) |CMPSCI 236 C++ Object Oriented (3)
Programming

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.

Or high school equivalent

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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
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 214	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)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)
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 214	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)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

	OR		OR		
ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		

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

**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 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)

Or high school equivalent

MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
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 214	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)		CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
				OR		
				CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

	OR			OR		
ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		

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

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A	Classical Physics	(5)		PHYSIC 220	& Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 221	& Physics for Scientists and Engineers: Electricity and Magnetism	(4)

PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
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PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 9A Classical Physics (5)	PHYSIC 220 <u>&</u>	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
 	PHYSIC 221 <u>&</u>	Physics for (4) Scientists and Engineers: Electricity and Magnetism
 	PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
OR	 	OR
PHYSICS 7A General Physics (4)	PHYSIC 110 <u>&</u>	General Physics I (4)
 	PHYSIC 111	General Physics II (4)
OR	 	OR
STATIST 13 Elementary Statistics (4) Same as: STATIST 13Y	MATH 140	Introductory (4) Statistics
 	OR	
 	MATH 140H	Introductory (4) Statistics - Honors
 	OR	
STATIST 32 Stat Anlys Thru Comp (4) As of F18, title = Gateway to Data Science	NO COMPARABLE COURSE	

END OF MAJOR

====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 211	Calculus I	(5)
a) MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
a) MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
a) CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
a) PHYSICS 9A	Classical Physics	(5)		PHYSIC 220 &	Physics for	(4)

				Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	<u>&</u> Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	<u>&</u> Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) ENGIN 4	Graphics in Design	(3)	NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
a) ENGIN 35	Statics	(4)	ENGR 152	Statics	(3)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
a) ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)

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 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	OR			OR	

a) ENGLISH 3 Intro to Lit (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking- Honors	(3)
	OR			OR	

a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
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a) ENGIN 45	Prop of Mats	(4)	ENGR 151	<u>&</u> Materials of Engineering	(3)
			ENGR 151L	Materials of Engineering Lab	(1)

a) ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		
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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.

====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)		ART 110 & Art History: Ancient to (3) Medieval
				ART 111 Art History: (3) Renaissance to Modern
ARTHI 1C	Baroque to Modern Art	(4)		ART 111 Art History: (3) Renaissance to Modern
ARTHI 1E	Islamic Art & Architecture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COMPARABLE COURSE
COMPLIT 10A	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10B	Master Authors	(2)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation
COMPLIT 10C	Master Authors	(2)		NO COURSE ARTICULATED: College has not 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

ENGLISH 10A	Literatures in English I: To 1700	(4)	submitted course(s) for articulation ENGL 250 British Literature I	(3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE	
HISTORY 4A	Western Civ	(4)	HIST 101 History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)	HIST 101 & History of Western Civilization: The Pre-Industrial West HIST 102 History of Western Civilization: The Modern Era	(3) (3)
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HUMAN 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PHILOS 21	Phil: Ancient	(4)	PHILOS 110 History of Ancient Philosophy	(3)
As of F17, title = Phil Classics: Ancient				
PHILOS 22	Hist Phil: Early Modern	(4)	PHILOS 111 History of Modern Philosophy	(3)
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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6) (5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR		OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I & II	(5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR		OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	OR		OR		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & II	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & PHYSIC 111	General Physics I & 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.

END OF MAJOR

===Microbiology B.S.===

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)

PHYSICS 7B	General Physics	(4)	PHYSIC 111	General Physics II	(4)
			PHYSIC 110 &	General Physics I	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111	General Physics II	(4)
			PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

As of S17 units = 4

ARABIC 22	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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As of S17, units = 4

ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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As of F17, units = 4

OR		OR	
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	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
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As of F17, units = 4

HEBREW 23	Intermediate Modern Hebrew III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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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
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As of F17, units = 4

HIN-URD 23	Intermed Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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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)	NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2)	NO COMPARABLE COURSE
MUSIC 2C	Keyboard Competence	(2)	NO COMPARABLE COURSE

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

MUSIC 6A	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not
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MUSIC 6B	Elementary Theory	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

MUSIC 17A	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

END OF MAJOR

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

Special Advising Note:

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

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

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

ONE OR TWO COURSES FROM:

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

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)	ANTHRO 103 Cultural Anthropology (3)
As of W17, units=5			
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE
A A STD 4	Asian Amer Cultural Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not

	Methods			submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)		NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)		NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)		NO COMPARABLE COURSE
ENV S&P 10 not open for credit to students who have completed ENV S&P 1				
HISTORY 7A	Latin America to 1700	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)		HIST 111 United States History (3)
LINGUIS 1	Intro Linguistics	(4)		I NO COMPARABLE COURSE

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)

CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED:

MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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END OF MAJOR

====Nutrition Science B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and	(4)

BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Cellular Biology - Honors Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I	(6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
	<u>OR</u>			<u>OR</u>	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & CHEM 256	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150	Nutrition	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		

The remaining preparatory subject matter is based on which major option you choose:

NUTRITIONAL BIOLOGY OPTION:

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5					
	<u>OR</u>			<u>OR</u>	
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u>		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	<u>OR</u>			<u>OR</u>	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

NUTRITION IN PUBLIC HEALTH OPTION:

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5						
OR				OR		
SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
OR				OR		
SOCIOL 3	Social Problems	(4)		SOCI 207	Social Problems	(3)

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics	(3)

PSYCH 1	General Psychology	(4)		PSYCH 101	Introduction to Psychology	(3)
OR				OR		
				PSYCH 101H	Introduction to Psychology - Honors	(3)

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

AGRESEC 15 Pop, Envr, World Agri (4) | NO COMPARABLE COURSE

Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
Same as: FD S&T 55						
CM&RGDE 2	Ethnicity Amer Comm	(4)		NO COMPARABLE COURSE		
INT AG 10	Intro Intl Ag Development	(4)		NO COMPARABLE COURSE		

Natural and Applied Sciences Area:

CM&RGDE 20	Food Systems	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
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

====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 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)

CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR		CHEM 202	General Chemistry II	(5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYSIC 110	&	General Physics I	(4)
			PHYSIC 111		General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110	&	General Physics I	(4)
			PHYSIC 111		General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110	&	General Physics I	(4)
			PHYSIC 111		General Physics II	(4)

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

	OR			OR		
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220	&	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221	&	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat,	(4)

				Optics and Modern Physics	
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
OR			OR		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
OR			OR		
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y			OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
OR			OR		
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					
<hr/>					
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
OR			OR		
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256	Organic Chemistry II	(5)

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

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

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

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) | PHILOS 230 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

g) PHILOS 1 Intro to Philos (4) | PHILOS 101 Introduction to Philosophy (3)
| **OR** |
| PHILOS 111 History of Modern Philosophy (3)

			<u>OR</u>		
				PHILOS 112	History of Philosophy - 20th Century Philosophy (3)

b. ANCIENT PHILOSOPHY

PHILOS 21	Phil: Ancient	(4)		PHILOS 110	History of Ancient Philosophy (3)
As of F17, title = Phil Classics: Ancient					

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Hist Phil: Early Modern	(4)		PHILOS 111	History of Modern Philosophy (3)
As of F17, title = Phil Classics: Modern					

d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHILOS 240	Contemporary Moral Problems (3)
	<u>OR</u>				<u>OR</u>
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE	
	<u>OR</u>				<u>OR</u>
PHILOS 24	Intro to Ethics	(4)		PHILOS 120	Introduction to Ethics (3)

f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE	
	<u>OR</u>				<u>OR</u>
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE	
	<u>OR</u>				<u>OR</u>
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE	
	<u>OR</u>				<u>OR</u>
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE	

g. PHILOSOPHY OF LANGUAGE

PHILOS 17	Language, Thought & World	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

PHILOS 14	Eth Soc Prob in Soc	(4)		PHILOS 240	Contemporary Moral Problems (3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE	
PHILOS 16	Phil Foundations of Amer Democ	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

ALL OF THE FOLLOWING COURSES:

PHILOS 5	Critical Reasoning	(4)		PHILOS 106	Critical Reasoning (3)
PHILOS 12	Intro to Symbol Logic	(4)		PHILOS 230	Symbolic Logic (3)
PHILOS 24	Intro to Ethics	(4)		PHILOS 120	Introduction to (3)

PRE-MED EMPHASIS:**ONE COURSE FROM THE FOLLOWING:**

PHILOS 24	Intro to Ethics	(4)		PHILOS 120	Introduction to Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)		NO COMPARABLE COURSE		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHILOS 12	Intro to Symbol Logic	(4)		PHILOS 230	Symbolic Logic	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)		NO COMPARABLE COURSE		

END OF MAJOR

g) Students who complete PHILOS 111 at College of the Canyons will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017 they will receive credit for PHILOS 22.

====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)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and	(4)

PHYSICS 9C	Classical Physics	(5)	PHYSICS 220 &	Engrs: Waves, Heat, Optics and Modern Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSICS 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSICS 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

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)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and	(4)

				Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 215	Differential Equations	(3)

ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

**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)	NO COMPARABLE COURSE		
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Special Note for Transfer Students Considering an A.B. Degree in this Major:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		

STATIST 13	Elementary Statistics	(4)		MATH 140	Introductory Statistics	(4)
Same as:	STATIST 13Y					
				<u>OR</u>		
				MATH 140H	Introductory Statistics - Honors	(4)
				<u>OR</u>		
				PSYCH 104	Statistics for the Behavioral Sciences	(3)

RECOMMENDED COURSES:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)	BIOSCI 106	Organismal and Environmental	(4)

of Life			Biology		
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		
	<u>OR</u>			<u>OR</u>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256	Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

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

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

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				OR		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)

PL SCI 2	Bot Physio Cul Plt	(4)		NO COMPARABLE COURSE		
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CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				OR		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)

CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
	OR			OR		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
	OR			OR		
MATH 17A	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	OR			OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

PL SCI 21	Computers in Technology	(3)		NO COMPARABLE COURSE		
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COURSES FOR THE CROP PRODUCTION OPTION:

ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
	OR			OR		

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

====Political Science - Public Service A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

TWO COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	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)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
POL SCI 12B	Climate Chg & Politics	(4)			

POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR			OR	

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)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
<hr/>					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H	Molecular and	(4)

Cellular Biology -
Honors

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
			<u>OR</u>		
			BIOSCI 100H	General Biology - Honors	(4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology	(3)
			<u>OR</u>		
			ANTHRO 101H	Physical Anthropology - Honors	(3)
	<u>OR</u>			<u>OR</u>	
MOL&CB 10	Intro Human Heredity	(4)	BIOSCI 140	Principles of Human Genetics	(3)
	<u>OR</u>			<u>OR</u>	
NE PH B 10	Elem Human Physio	(3)	BIOSCI 204	Human Anatomy and Physiology I	(4)
			<u>OR</u>		
			BIOSCI 205	Human Anatomy and Physiology II	(4)

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)
				<u>OR</u>		

PSYCH 41	Research Methods	(4)	PSYCH 101H	Introduction to Psychology - Honors	(3)
			PSYCH 103	Introduction to Behavioral Research	(3)

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)

PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
	<u>OR</u>		<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>		<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201	& General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)

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

	OR			OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 <u>&</u>	Organic Chemistry I (5)
				CHEM 256	Organic Chemistry II (5)
	OR			OR	
CHEM 128A	Organic Chemistry	(3)		CHEM 255	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)		CHEM 255 <u>&</u>	Organic Chemistry I (5)
				CHEM 256	Organic Chemistry II (5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
 Statistics 13;
 One of these two options:
 Biological Sciences 2A
 or
 Biological Sciences 10 and one course from:
 Anthropology 1 or
 Molecular and Cellular Biology 10 or
 Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

enrollment.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
<hr/>					
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y		OR		
			MATH 140H	Introductory Statistics - Honors	(4)
			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
<hr/>					
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
<hr/>					
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)
<hr/>					
As of F18, Course Number = ENG CS 36A					
			OR		OR
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)	NO COMPARABLE COURSE	
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			OR	
			CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
			CHEM 202	General 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	

PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE	
	OR			OR
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	OR			OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)

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

BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology (4)
			OR	
			BIOSCI 107H	Molecular and Cellular Biology - Honors (4)

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology (4)
			OR	
			BIOSCI 100H	General Biology - Honors (4)

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)	ANTHRO 101	Physical Anthropology (3)
			OR	
			ANTHRO 101H	Physical Anthropology - Honors (3)
	OR			OR
MOL&CB 10	Intro Human Heredity	(4)	BIOSCI 140	Principles of Human Genetics (3)
	OR			OR

NE PH B 10	Elem Human Physio	(3)		BIOSCI 204	Human Anatomy and	(4)
					Physiology I	
				<u>OR</u>		
				BIOSCI 205	Human Anatomy and	(4)
					Physiology II	

END OF MAJOR

====Religious Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)		PHILOS 220	Introduction to	(3)
					Comparative Religion	
REL STD 1A	Pilgrimage	(4)		NO COMPARABLE	COURSE	

REL STD 1B	Death and Afterlife	(4)	NO COMPARABLE COURSE
REL STD 1C	Sacrifice	(4)	NO COMPARABLE COURSE
REL STD 1D	Conversion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1F	Religion Today	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
REL STD 1H	Sex, Marriage, Divorce	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

FOUR COURSES FROM THE FOLLOWING:

REL STD 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)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)	NO COMPARABLE COURSE

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COMPARABLE COURSE
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not

Culture
Same as: ANTHRO 32

submitted course(s) for articulation

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)		SOCI 101	Introduction to Sociology	(3)
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SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
	AND		AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOCI 207 Social Problems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103 Cultural Anthropology (3)
As of W17, units=5			
	OR		OR
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)	HIST 101 History of Western Civilization: The Pre-Industrial West (3)
HISTORY 4B	Western Civ	(4)	HIST 101 <u>&</u> History of Western Civilization: The Pre-Industrial West (3)
			HIST 102 History of Western Civilization: The Modern Era (3)
HISTORY 4C	Western Civ	(4)	HIST 102 History of Western Civilization: The Modern Era (3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE
Course discontinued as of S18			
HISTORY 17A	U.S. History	(4)	HIST 111 United States History I (3)
HISTORY 17B	U.S. History	(4)	HIST 112 United States History II (3)

ONE COURSE FROM THE FOLLOWING:

PHILOS 5	Critical Reasoning	(4)		PHILOS 106	Critical Reasoning	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)		PHILOS 240	Contemporary Moral Problems	(3)
PHILOS 24	Intro to Ethics	(4)		PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

====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.

SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
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SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
	AND			AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics (3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology (3)
As of W17, units=5				
	OR			OR
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE	
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE	
	OR			OR
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics (3)

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)		SOCI 207	Social Problems	(3)
	OR			OR		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND			AND		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5						
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)		POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)		POLISC 270	International Relations	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLISC 230	Political Theory	(3)
POL SCI 7	Law & Politics	(4)		NO COMPARABLE COURSE		

4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4)		HIST 101	History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4)		HIST 101 &	History of Western Civilization: The Pre-Industrial West	(3)
				HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 4C	Western Civ	(4)		HIST 102	History of Western Civilization: The Modern Era	(3)
HISTORY 6	Intro to Middle East	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
HISTORY 7A	Latin America to 1700	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE
Course discontinued as of S18			
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3) I
HISTORY 17B	U.S. History	(4)	HIST 112 United States History (3) II

PHILOS 5	Critical Reasoning	(4)	PHILOS 106 Critical Reasoning (3)
	OR		OR
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240 Contemporary Moral (3) Problems
	OR		OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 120 Introduction to (3) Ethics

END OF MAJOR

====Sociology A.B. (Social Services)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	SOCI 101	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
	OR		OR		
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	AND		AND		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			OR		
			PSYCH 101H	Introduction to Psychology - Honors	(3)

6-8 QUARTER UNITS FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE		
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE		
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE		
A A STD 2	Contemp Issues of Asian Americans	(4)	NO COMPARABLE COURSE		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE		
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE		
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE		
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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.

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College Foreign Language Requirement Note:

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

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

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SOCIOL 1	Intro Sociology	(5)		SOCI 101	Introduction to Sociology	(3)
	AND				AND	
SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
SOCIOL 5	Global Soc Change	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR				OR	
SOCIOL 11	Sociology of Labor and Employment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	AND				AND	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics	(3)
	AND				AND	
ECON 1B	Princ of Macroecon	(4)		ECON 201	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 101	Elementary Spanish I	(4)
SPANISH 2	Elementary Spanish	(5)		SPAN 101 &	Elementary Spanish I	(4)
				SPAN 102	Elementary Spanish II	(4)
SPANISH 3	Elementary Spanish	(5)		SPAN 102	Elementary Spanish II	(4)
SPANISH 21	Intm Spanish	(5)		SPAN 201 &	Intermediate Spanish I	(4)
				SPAN 202	Intermediate Spanish	(4)
					II	
SPANISH 22	Intm Spanish	(5)		SPAN 201 &	Intermediate Spanish I	(4)
				SPAN 202	Intermediate Spanish	(4)
					II	
SPANISH 23	Span Comp I	(4)		SPAN 201 &	Intermediate Spanish I	(4)
				SPAN 202	Intermediate Spanish	(4)

				II
SPANISH 24	Span Comp II	(4)		NO COMPARABLE COURSE
	OR			OR
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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

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

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)

ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)
As of F18, Course Number = ENG CS 36A					
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
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		
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 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)
	As of F18, Course Number = ENG CS 36A			OR	
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
	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 COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory (4)
	Same as: STATIST 13Y			Statistics
			OR	
			MATH 140H	Introductory (4)
				Statistics - Honors
			OR	
			PSYCH 104	Statistics for the (3)
				Behavioral Sciences
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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)

ENG CS 60	Data Structures & Programming	(4)	CMPSCI 282	Advanced Data Structures	(3)
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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 COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics (4)
Same as: STATIST 13Y			<u>OR</u>	
			MATH 140H	Introductory Statistics - Honors (4)
			<u>OR</u>	
			PSYCH 104	Statistics for the Behavioral Sciences (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](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.

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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)

			OR		
			CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)

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 COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					

			OR		
			MATH 140H	Introductory Statistics - Honors	(4)

			OR		
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

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

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

====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 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)

ENG CS 10	Intro to Programming	(4)	NO COMPARABLE COURSE		
	OR		OR		
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)
As of F18, Course Number = ENG CS 36A					
	OR		OR		
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented	(3)

As of F18, Course Number = ENG CS 36B

Programming

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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

====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)	COMS 105	Fundamentals of Public Speaking	(3)
			OR		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I General Chemistry II	(6) (5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOLSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOLSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOLSCI 106	Organismal and Environmental Biology	(4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
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AN SCI 1	Domest Ani & People OR	(4)	NO COMPARABLE COURSE OR
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE

FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
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ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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PHILOS 14	Eth Soc Prob in Soc OR	(4)	PHILOS 240	Contemporary Moral Problems OR	(3)
PHILOS 15	Intro to Bioethics OR	(4)	NO COMPARABLE COURSE OR		

PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, units=5					
OR			OR		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
OR			OR		
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
OR			OR		
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems	(3)

TRACK II: FOOD AND SOCIETY

PHILOS 5	Critical Reasoning	(4)	PHILOS 106	Critical Reasoning	(3)
OR			OR		
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
OR			OR		
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
OR			OR		
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
OR			OR		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
Same as: STATIST 13Y					
OR			OR		
OR			MATH 140H	Introductory Statistics - Honors	(4)
OR			OR		
OR			PSYCH 104	Statistics for the Behavioral Sciences	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
OR			OR		
OR			CHEM 201H	General Chemistry I - Honors	(6)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
OR			OR		
OR			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
OR			OR		
BIOLSCI 10	Everyday Biology	(4)	BIOSCI 100	General Biology	(4)
OR			OR		
OR			BIOSCI 100H	General Biology - Honors	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
OR			OR		
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		

ENV S&P 30	Global Ecosystem	(3)	OR	NO COMPARABLE COURSE	
	Same as: ENV SC&M 30				
W&F BIO 10	Wildl Ecol Conserve	(4)	OR	NO COMPARABLE COURSE	
W&F BIO 51	Intro to Conservation Biology	(3)	OR	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
FD S&T 1	Food Sci Principles	(3)		NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)		ECON 202	Microeconomics (3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)		POLISC 230	Political Theory (3)
ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural Anthropology (3)
As of W17, units=5					
SOCIOL 1	Intro Sociology	(5)	OR	SOCI 101	Introduction to Sociology (3)
SOCIOL 3	Social Problems	(4)	OR	SOCI 207	Social Problems (3)
CM&RGDE 1	The Community	(4)		NO COMPARABLE COURSE	
CM&RGDE 2	Ethnicity Amer Comm	(4)		NO COMPARABLE COURSE	

TRACK III: ECONOMICS AND POLICY

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II (5)
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	OR	MATH 140	Introductory Statistics (4)
	Same as: STATIST 13Y				
				MATH 140H	Introductory Statistics - Honors (4)
				PSYCH 104	Statistics for the Behavioral Sciences (3)
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I (6)
				CHEM 201H	General Chemistry I - Honors (6)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	OR	BIOSCI 107	Molecular and Cellular Biology (4)
				BIOSCI 107H	Molecular and Cellular Biology - Honors (4)
BIOLSCI 10	Everyday Biology	(4)	OR	BIOSCI 100	General Biology (4)
				BIOSCI 100H	General Biology - Honors (4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE		
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
	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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE		
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
	As of W17, units=5				
	OR			OR	
SOCIO 1	Intro Sociology	(5)	SOCI 101	Introduction to Sociology	(3)
	OR			OR	
SOCIO 3	Social Problems	(4)	SOCI 207	Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240	Contemporary Moral Problems	(3)
	OR			OR	
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE		
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides 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)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)

ENGLISH 3	Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<u>OR</u>				
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	<u>OR</u>				
e) UWRITING 18	Style in the Essay	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	As of F17, Course Number = UWRITING 48				
	<u>OR</u>				
e) UWRITING 19	Wrtg Research Papers	(4)	ENGL 103	Critical Reading, Writing and Thinking	(3)
	As of F17, Course Number = UWRITING 49				

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

ONE COURSE FROM THE FOLLOWING:

STATIST 10	Statist Thinking	(4)	NO COMPARABLE COURSE		
STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics	(4)
	Same as: STATIST 13Y				
			<u>OR</u>		
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u>		
			PSYCH 104	Statistics for the Behavioral Sciences	(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 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

ONE COURSE FROM THE FOLLOWING:

POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to American Government and Politics	(3)
POL SCI 2	Intro Comp Politics	(4)	POLISC 250	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270	International	(3)

			Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLISC 230	Political Theory (3)
POL SCI 5	Probs/Am Pol Sys	(4)	NO COMPARABLE COURSE	
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE	
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
POL SCI 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)	SOCI 101	Introduction to Sociology (3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
SOCIOL 3	Social Problems	(4)	SOCI 207	Social Problems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
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)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 2	Place,Culture,Community	(4)	NO COMPARABLE COURSE	
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 21	Design Visualization	(5)	NO COMPARABLE COURSE	
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 70	Introduction to Spacemaking	(5)	NO COMPARABLE COURSE	
As of F17, units = 4				

END OF MAJOR

e) **If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.**

====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			OR	
B) ENG CS 15	Intro to Computers	(4)		NO COMPARABLE COURSE	
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)		CMPSCI 111	Introduction to (3) Computer Algorithms and Programming/JAVA
				OR	
				CMPSCI 235	C Programming (3)

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 202	Microeconomics (3)
ECON 1B	Princ of Macroecon	(4)		ECON 201	Macroeconomics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)		ANTHRO 103	Cultural (3) Anthropology
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)		ART 110	Art History: Ancient to (3) Medieval
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)		ART 110 &	Art History: Ancient to (3) Medieval
				ART 111	Art History: (3) Renaissance to Modern
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)		ART 111	Art History: (3) Renaissance to Modern

ARTHI 1D	OR Arts of Asia	(4)	OR NO COMPARABLE COURSE	

ALL OF THE FOLLOWING COURSES:				
PHYSICS 1A	Principles Physics	(3)	OR NO COMPARABLE COURSE	
PHYSICS 10	OR Topics, Nonscientists	(4)	OR NO COMPARABLE COURSE	

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology (3)
			OR PSYCH 101H	Introduction to Psychology - Honors (3)

SOCIOL 2	Self and Society	(4)	OR NO COMPARABLE COURSE	

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics (4)
	Same as: STATIST 13Y		OR MATH 140H	Introductory Statistics - Honors (4)
			OR PSYCH 104	Statistics for the Behavioral Sciences (3)

TEX&CL 6	Intro Textiles	(4)	OR NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	OR NO COMPARABLE COURSE	
TEX&CL 8	Textile Apparel Ind	(4)	OR NO COMPARABLE COURSE	

MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of Accounting I (5)
			BUS 202	Principles of Accounting II (5)
MGMT 11B	Elem Accounting	(4)	OR NO COMPARABLE COURSE	

CHEM 10	Concept of Chem	(4)	OR NO COMPARABLE COURSE	
CHEM 2A	OR Genl Chemistry	(5)	CHEM 201	General Chemistry I (6)
			OR CHEM 201H	General Chemistry I - Honors (6)

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II (5)

RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	OR NO COMPARABLE COURSE	
DESIGN 77	Intro to Fashion Design	(4)	OR NO COMPARABLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II (5)

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 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:

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

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PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE		
	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE		
	OR			OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR		
			CMPSCI 235	C Programming	(3)

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 202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	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)	ART 110	Art History: Ancient to Medieval	(3)
	OR			OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 &	Art History: Ancient to Medieval	(3)
			ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 111	Art History: Renaissance to Modern	(3)
	OR			OR	
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

ALL OF THE FOLLOWING COURSES:

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
	OR			OR
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE	

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology (3)
			OR	
			PSYCH 101H	Introduction to Psychology - Honors (3)

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	

STATIST 13	Elementary Statistics	(4)	MATH 140	Introductory Statistics (4)
	Same as: STATIST 13Y		OR	
			MATH 140H	Introductory Statistics - Honors (4)
			OR	
			PSYCH 104	Statistics for the Behavioral Sciences (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 201	General Chemistry I (6)
			OR	
			CHEM 201H	General Chemistry I - Honors (6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I (6)
			CHEM 202	General Chemistry II (5)

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

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I (5)

RESTRICTED ELECTIVES (16 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	NO COMPARABLE COURSE	
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I (5)
			CHEM 256	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256	Organic Chemistry II (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A	Elem Accounting	(4)	BUS 201 &	Principles of Accounting I (5)
			BUS 202	Principles of Accounting II (5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE	
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II (5)
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE	

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

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

completed PLT SCI 21.

====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:

DRAMART 21A	Fundamentals of Act	(4)	THEATR 140	Acting Fundamentals	(3)
DRAMART 40A	Beg Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 40B	Int Modern Dance	(2)	NO COMPARABLE COURSE		
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

ALL OF THE FOLLOWING COURSES:

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
DRAMART 56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 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)		BIOSCI 107	Molecular and Cellular Biology	(4)
				<u>OR</u>		
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)

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

CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)

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

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

OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)		MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)		MATH 212	Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)		NO COMPARABLE COURSE		
	AND			AND		
PHYSICS 1B	Principles Physics	(3)		NO COMPARABLE COURSE		
	OR			OR		
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

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

VIT-ENO 2 Intro to Viticult (2) | NO COMPARABLE COURSE
 VIT-ENO 3 Intro Winemaking (3) | NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

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

UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			<u>OR</u>		
			ENGL 101H	Honors - English Composition	(4)
	AND		AND		
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u>		
			COMS 105H	Fundamentals in Public Speaking-Honors	(3)
	OR		OR		
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
	OR		OR		
DRAMART 10	Intro To Acting	(4)	NO COMPARABLE COURSE		

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u>		
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I & II	(6)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE		

MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)

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

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10	Wildl Ecol Conserve	(4)		NO COMPARABLE COURSE
W&F BIO 50	Calif Wild Vertebrates	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM 255 &	Organic Chemistry I	(5)
				CHEM 256	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM 256	Organic Chemistry II	(5)
PHYSICS 7A	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7B	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)		PHYSIC 110 &	General Physics I	(4)
				PHYSIC 111	General Physics II	(4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <http://engineering.ucdavis.edu/transfer-credit-agreements/>

MATH 21A	Calculus	(4)		MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)		MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)		MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)		MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)		MATH 214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH 215	Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)		CHEM 201	General Chemistry I	(6)
				<u>OR</u>		
				CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		CHEM 201 &	General Chemistry I	(6)
				CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM 202	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)		NO COMPARABLE COURSE		
CHEM 8B	Organic Chem-Brief	(4)		NO COMPARABLE COURSE		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM 255	Organic Chemistry I	(5)

CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & CHEM 256	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & CHEM 256	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 & PHYSIC 221 & PHYSIC 222	Physics for Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4) (4) (4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & PHYSIC 221 & PHYSIC 222	Physics for Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4) (4) (4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 & PHYSIC 221 & PHYSIC 222	Physics for Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4) (4) (4)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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)		NO COMPARABLE COURSE	
a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
a) ENGIN 17	Circuits I	(4)		ENGR 153	Electrical Circuits (4)
a) ENGIN 35	Statics	(4)		ENGR 152	Statics (3)
a) ENGIN 45	Prop of Mats	(4)		ENGR 151 &	Materials of Engineering (3)
				ENGR 151L	Materials of Engineering Lab (1)
ENG CS 20	C Sci/Discrete Math	(4)		CMPSCI 256	Discrete Structures (3)
ENG CS 30	Programming&Prob Solving	(4)		CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA (3)
				<u>OR</u>	
				CMPSCI 235	C Programming (3)
As of F18, Course Number = ENG CS 36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		CMPSCI 236	C++ Object Oriented Programming (3)
As of F18, Course Number = ENG CS 36B					
ENG CS 50	Machine Dependent Prog	(4)		NO COMPARABLE COURSE	
ENG CS 60	Data Structures & Programming	(4)		CMPSCI 282	Advanced Data Structures (3)
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 101	English Composition (3)
				<u>OR</u>	
				ENGL 101H	Honors - English Composition (4)
ENGLISH 3	Intro to Lit	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
COMUNCN 1	Intro Public Spkg	(4)		COMS 105	Fundamentals of Public Speaking (3)
				<u>OR</u>	
				COMS 105H	Fundamentals in Public Speaking-Honors (3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS 246	Interpersonal Communication (3)
BIOLSCI 2A	Intro Biology:Life on	(5)		BIOSCI 107	Molecular and (4)

	Earth			<u>OR</u>	Cellular Biology	
				BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOSCI 106	Organismal and Environmental Biology	(4)
c) GEOLOGY 50 f)	Physical Geology	(3)		GEOL 101	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.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.