

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.

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

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

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 [UC Davis General Catalog](#) online.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

a) MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)

a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)

a) ENGIN 4	Graphics in Design	(3)		ENGR- 18	Engineering Design and Graphics	(3)
a) ENGIN 17	Circuits I	(4)		ENGR- 71	Introduction to Circuit Analysis	(4)
a) ENGIN 35	Statics	(4)		ENGR- 69	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)		ENGR- 66	Properties of Materials	(3)

a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
a) ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and Development	(3)
				<b>OR</b>		
				ENGR- 50	Introduction to Computing	(4)

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

a) UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition	(3)
	<b>OR</b>				<b>OR</b>	
a) ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition	(3)

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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.

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a) COMUNCN 1	Intro Public Spkg	(4)		COMS- 20	Oral Communication	(3)
	OR				OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS- 10	Interpersonal Communication	(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.

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

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

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**College Foreign Language Requirement Note:**

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

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

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**ONE COURSE FROM THE FOLLOWING:**

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

**ONE COURSE FROM THE FOLLOWING:**

AF-AMST 15	Intro Afro Amer Hum	(4)		NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)		NO 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)		ANTH- 63	Introduction to Social (3) and Cultural Anthropology
As of W17, units=5					
ECON 1A	Princ of Microecon	(4)		ECON- 10B	Introduction to (3) Microeconomic Theory
ECON 1B	Princ of Macroecon	(4)		ECON- 10A	Principles of (3) Macroeconomic Theory
SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to (3) Sociology
POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and (3) Government in America
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)		PSYCH- 1	General Psychology (3)

**ONE COURSE FROM THE FOLLOWING:**

CHICANO 10	Intro to Chic Std	(4)		NO COMPARABLE COURSE	
N A STD 1	Intro NA Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
N A STD 10	NA Experience	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
AMR STD 10	Intro American Studies	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
A A STD 1	Hist Exp Asian Am	(4)		ETH- 42	Asian Pacific American (3) (APA) Culture and Experience
A A STD 2	Contemp Issues of Asian Americans	(4)		NO COMPARABLE COURSE	
WOM STD 50	Intro Gender Studies	(4)		NO COURSE ARTICULATED: College has not	

|submitted course(s) for articulation

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**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- 17A History of the United (3) States
HISTORY 17B	U.S. History	(4)	HIST- 17B History of the United (3) States

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**4 QUARTER UNITS FROM THE FOLLOWING:**

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

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**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.

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

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

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

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

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

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

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

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

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

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

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

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HISTORY 17A	U.S. History	(4)		HIST- 17A	History of the United States	(3)
	<b>OR</b>				<b>OR</b>	
POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and Government in America	(3)

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**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 Jdgs	(2)		NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)		NO COMPARABLE COURSE
ABIOSYT 16	Metal Prop & Fabr	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49	Fld Equip Oper	(2)		NO COMPARABLE COURSE

ABIOSYT 52 Field Equip Welding (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

AGRESEC 15 Pop, Envr, World Agri (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**AND**

ECON 1A Princ of Microecon (4) | ECON- 10B Introduction to (3) Microeconomic Theory

**OR**

ECON 1B Princ of Macroecon (4) | ECON- 10A Principles of (3) Macroeconomic Theory

ENVHORT 1 Intro Envhort/Urb For (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

PL SCI 5 Plants Gard, Orch & Land (2) | NO COMPARABLE COURSE  
FORMERLY PLANT BIO 1

ENV S&P 10 Current Issues in (3) | ENVIR- 10 Environmental Science (4)  
Environment

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

ENV TOX 10 Intro Environ (3) | NO COMPARABLE COURSE  
Toxicology

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

PL SCI 1 Agr Nature & Society (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PL SCI 2 Bot Physio Cul Plt (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PL SCI 15 Intro Sustainable (4) | NO COURSE ARTICULATED: College has not  
Agriculture 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 (5) | BIOL- 4A General Principles and (5)  
Earth Cell Biology

BIOLSCI 2B Intro Biology: Ecology (5) | BIOL- 4A & General Principles and (5)  
& Evolution Cell Biology  
BIOL- 4B Organismal Biology and (5)  
Biodiversity

CHEM 2A Genl Chemistry (5) | CHEM- 1A General Chemistry (5)

CHEM 2B Genl Chemistry (5) | CHEM- 1A & General Chemistry (5)  
CHEM- 1B General Chemistry (5)

GEOLOGY 1 The Earth (4) | NO COMPARABLE COURSE

GEOLOGY 20 California Geology (2) | NO COMPARABLE COURSE

SOILSCI 10 Soils in Our (3) | NO COMPARABLE COURSE  
Environment

MATH 16A Short Calculus (3) | MATH- 71 Calculus I with (5)  
Analytic Geometry

**OR**

MATH- 62 Calculus for Business (3)  
and Social Science

MATH 16B Short Calculus (3) | MATH- 72 Calculus II with (5)  
Analytic Geometry

**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
<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (5)
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PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) used Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) used Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) used Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) used Physics II

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

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**END OF MAJOR**

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

**Special Advising 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

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**ONE COURSE FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	ETH- 42 Asian Pacific American (3) (APA) Culture and Experience
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology
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

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**ONE COURSE FROM THE FOLLOWING:**

HISTORY 17A	U.S. History	(4)	HIST- 17A History of the United (3) States
HISTORY 17B	U.S. History	(4)	HIST- 17B History of the United (3) States
HISTORY 72A	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  
Formerly Humanities 10  
**END OF MAJOR**

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

**Special Advising Note:**

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not	

MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with (5) Analytic Geometry
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with (5) Analytic Geometry
MATH 21C	Calculus	(4)	MATH- 73 Multivariable Calculus (5)
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PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) ased Physics II

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

STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
Same as: STATIST 13Y			
			<b>OR</b>
			BUS- 60 Fundamentals of (3) Business Statistics

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

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

**AP and IB examination credit policies are detailed in the UC Davis 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
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A General Principles and Cell Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A & General Principles and Cell Biology (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B Organismal Biology and Biodiversity (5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & General Chemistry (5)
			CHEM- 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B Organic Chemistry (5)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
B) ENG CS 15	Intro to Computers	(4)	CIT- 10 Computer and Information Technology (3)
ECON 1A	Princ of Microecon	(4)	ECON- 10B Introduction to Microeconomic Theory (3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A Principles of Macroeconomic Theory (3)
MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MGMT 11B	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16A	Short Calculus	(3)	MATH- 71 Calculus I with Analytic Geometry (5)
			<b>OR</b>
			MATH- 62 Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (5)
MATH 16C	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (5)
	<b>OR</b>		<b>OR</b>
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (5)



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

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

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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A General Principles and Cell Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A <u>&amp;</u> General Principles and Cell Biology (5)
			BIOL- 4B Organismal Biology and Biodiversity (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B Organismal Biology and Biodiversity (5)
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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A <u>&amp;</u> General Chemistry (5)
			CHEM- 1B General Chemistry (5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B Organic Chemistry (5)
	<b>OR</b>		<b>OR</b>
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A <u>&amp;</u> Organic Chemistry (5)
			CHEM- 12B Organic Chemistry (5)
-----			
MATH 16A	Short Calculus	(3)	MATH- 71 Calculus I with Analytic Geometry (5)
			<b>OR</b>
			MATH- 62 Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (5)
	<b>OR</b>		<b>OR</b>
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (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

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**LABORATORY ANIMALS**

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

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**POULTRY**

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

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**END OF MAJOR**

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

**Special Advising Note:**

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**College Foreign Language Requirement Note:**

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

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**EVOLUTIONARY EMPHASIS:**

ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology
As of W17, units=5			
ANTHRO 3	Intr to Archaeology	(4)	NO COMPARABLE COURSE

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**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

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
Same as: STATIST 13Y			
			<b><u>OR</u></b>
			BUS- 60 Fundamentals of Business Statistics (3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science			
SOCIOL 46B	Intr Social Rsch	(5)	NO COMPARABLE COURSE

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**SOCIOCULTURAL EMPHASIS:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology
As of W17, units=5			

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**TWO COURSES FROM THE FOLLOWING:**

ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 3	Intr to Archaeology	(4)	NO COMPARABLE COURSE
ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE

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

- 1) Two additional quarters of the foreign language used to meet the L & S language requirement.
- 2) Two courses from the following list:

ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Same as: SCI&TEC 32  
 ANTHRO 34 Cultures of Consumerism (4) | NO COURSE ARTICULATED: College has not  
 | submitted course(s) for articulation  
**END OF MAJOR**

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

**Special Advising Note:**

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ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not   submitted course(s)for articulation
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3)   and Cultural   Anthropology
As of W17, units=5			
ANTHRO 3	Intr to Archaeology	(4)	NO COMPARABLE COURSE
-----			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A General Principles and (5)   Cell Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A & General Principles and (5)   Cell Biology   BIOL- 4B Organismal Biology and (5)

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Biodiversity Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)

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CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>				<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A &	Organic Chemistry	(5)
				CHEM- 12B	Organic Chemistry	(5)

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MATH 16A	Short Calculus	(3)		MATH- 71	Calculus I with Analytic Geometry	(5)
				<b>OR</b>		
				MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>				<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>				<b>OR</b>	
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(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- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y			<b>OR</b>		
				BUS- 60	Fundamentals of Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science					

**RECOMMENDED COURSES FOR THIS MAJOR:**

ANTHRO 15	Human Life Cycle	(5)		NO COMPARABLE COURSE		
ANTHRO 50	Evolution and Human Nature	(4)		NO COURSE	ARTICULATED: College has not submitted course(s)for articulation	
GEOLOGY 1	The Earth	(4)		NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)		PSYCH- 1	General Psychology	(3)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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**Recommended Language Preparation Note:**

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

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

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

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

**Or high school equivalent**

MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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MATH 22AL	Lin Alg Comp Lab	(1)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>or equivalent basic knowledge of MATLAB.</b>				
<b>BOTH OF THE FOLLOWING COURSES:</b>				
MATH 22A	Linear Algebra	(3)		MATH- 79 Linear Algebra (3)
				<b>AND</b>
MATH 108	Intro Abstract Math	(4)		This course must be taken at UC Davis
<b>OR SELECT THE FOLLOWING COURSE:</b>				
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).

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ENG CS 30	Programing&Prob Solving	(4)		CIT- 20 Program Design and Development (3)
				<u>OR</u>
				ENGR- 50 Introduction to Computing (4)
<b>As of F18, Course Number = ENG CS 36A</b>				
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		COMSC- 76 Computer Science II: Introduction to Data Structures (4)

**As of F18, Course Number = ENG CS 36B**

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A General Principles and Cell Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A <u>&amp;</u> General Principles and Cell Biology (5)
				BIOL- 4B Organismal Biology and Biodiversity (5)
<b>OR</b>				<b>OR</b>
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A <u>&amp;</u> General Chemistry (5)
				CHEM- 1B General Chemistry (5)
<b>OR</b>				<b>OR</b>
ECON 1A	Princ of Microecon	(4)		ECON- 10B Introduction to Microeconomic Theory (3)
ECON 1B	Princ of Macroecon	(4)		ECON- 10A Principles of Macroeconomic Theory (3)
<b>OR</b>				<b>OR</b>
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A General Physics (5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B <u>&amp;</u> General Physics (5)
				PHYS- 4C General Physics (5)
<b>OR</b>				<b>OR</b>
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

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END OF MAJOR

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

**Special Advising Note:**

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

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

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**Special Advising Note for future applicants:\***

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

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

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

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

\*Information for future applicants is subject to change

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

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

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

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

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

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

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

PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HC	Honors Physics	(5)	NO COMPARABLE COURSE		
	<b>DEPENDING ON AREA OF CONCENTRATION:</b>				
PHYSICS 9HD	Honors Physics	(5)	NO COMPARABLE COURSE		
PHYSICS 9HE	Honors Physics	(5)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)

PHYSICS 80 Experimental Techniques (4)

ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

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

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**CHEMICAL PHYSICS CONCENTRATION**

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

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**COMPUTATIONAL PHYSICS CONCENTRATION**

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
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**As of F18, Course Number = ENG CS 36B**

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**PHYSICAL ELECTRONICS CONCENTRATION**

ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to Circuit Analysis	(4)
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**PHYSICAL OCEANOGRAPHY CONCENTRATION**

CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>		
CHEM 2AH	Honors Genl Chemistry	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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**FOUR COURSES FROM THE FOLLOWING:**

ARTHI 1A	Ancient Mediterranean Art	(4)		ART- 91	Survey of Art History: Prehistoric Through	(3)
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ARTHI 1B	Mediev&Renaiss Art	(4)	ART- 91 &	Gothic Survey of Art History: (3) Prehistoric Through Gothic
			ART- 92	Survey of Art History: (3) Renaissance to the Present
ARTHI 1C	Baroque to Modern Art	(4)	ART- 92	Survey of Art History: (3) Renaissance to the Present
			<b>OR</b>	
ARTHI 1D	Arts of Asia	(4)	ART- 93	History of Modern Art (3)
ARTHI 1E	Islamic Art & Architecture	(4)	NO COMPARABLE COURSE	
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ARTHI 25	Understanding Architecture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
			NO COMPARABLE COURSE	

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**ONE ART STUDIO COURSE FROM:**

ART 2	Beginning Drawing	(4)	ART- 24	Beginning Drawing (3)
			<b>OR</b>	
ART 5	Beginning Sculpture	(4)	ART- 25	Expressive Drawing (3)
			ART- 42	Beginning Sculpture I (3)
			<b>OR</b>	
ART 7	Beginning Painting	(4)	ART- 43	Sculpture II (3)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE	
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 11	Beginning Printmaking	(4)	PHOTO- 22	Beginning Photography (3)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ART 24	Intro Experimental Video and Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

**Education(GE) Note:**

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

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**College Foreign Language Requirement Note:**

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

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

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**FOUR COURSES FROM THE FOLLOWING:**

ART 2	Beginning Drawing	(4)		ART- 24	Beginning Drawing	(3)
				<u>OR</u>		
				ART- 25	Expressive Drawing	(3)
ART 5	Beginning Sculpture	(4)		ART- 42	Beginning Sculpture I	(3)
				<u>OR</u>		
				ART- 43	Sculpture II	(3)
ART 7	Beginning Painting	(4)		NO COMPARABLE COURSE		
ART 8	Beginning Ceramic Sculpture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 9	Beginning Photography	(4)		PHOTO- 22	Beginning Photography	(3)
ART 11	Beginning Printmaking	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 12	Beginning Video	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**TWO LECTURE COURSES CHOSEN FROM THE FOLLOWING:**

ART 24	Intro Experimental Video and Film	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ART 30	Contemp Vis Culture	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARTHI 1A	Ancient Mediterranean Art	(4)		ART- 91	Survey of Art History: Prehistoric Through Gothic	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)		ART- 91 &	Survey of Art History: Prehistoric Through Gothic	(3)
				ART- 92	Survey of Art History: Renaissance to the Present	(3)
ARTHI 1C	Baroque to Modern Art	(4)		ART- 92	Survey of Art History: Renaissance to the Present	(3)
				<u>OR</u>		
				ART- 93	History of Modern Art	(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 COURSE ARTICULATED: College has not submitted course(s) for articulation
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.

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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A A STD 1	Hist Exp Asian Am	(4)		ETH- 42	Asian Pacific American	(3)
					(APA) Culture and Experience	
A A STD 2	Contemp Issues of Asian	(4)		NO COMPARABLE COURSE		

A A STD 3	Americans 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

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

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 17	Women in Africa	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 25	U.S. as Business Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 59	Same as: FD S&T 55 Music and American Culture	(4)	NO COURSE ARTICULATED: College has not submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 30	US Poli & Chicanos	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	ETH- 30 Chicana/o Culture (3)
CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 7	Indig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

ANTHRO 13	Sci Method in Physical Anthropology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ART 10	Fine Art Appreciation	(3)	ART- 90 Art Appreciation (3)
As of W17, units = 4			
ART 30	Contemp Vis Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 42	Approaches to Reading	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 46	Orientation to Research in NAS	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 5	Critical Reasoning	(4)	PHIL- 60 Logic and Critical Thinking (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- 18 Introduction to Research Methods (3)
SOCIO 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIO 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
Same as: STATIST 13Y			
			<u>OR</u>
			BUS- 60 Fundamentals of Business Statistics (3)

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry (5)
			CHEM- 1B	General Chemistry (5)
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development (3)
			<b>OR</b>	
			ENGR- 50	Introduction to Computing (4)

**As of F18, Course Number = ENG CS 36A**

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

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus (5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations (4)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics (5)
			PHYS- 4C	General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics (5)
			PHYS- 4C	General Physics (5)
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics (3)
Same as: STATIST 13Y			<b>OR</b>	
			BUS- 60	Fundamentals of Business Statistics (3)

**PREPARATION FOR GRADUATION:**

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

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

**Special Advising Note:**

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

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

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

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

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

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

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

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 [UC Davis General Catalog](#) online.

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

**AP and IB** examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

a) MATH 21A	Calculus	(4)		MATH- 71	Calculus I with	(5)
					Analytic Geometry	
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with	(5)
					Analytic Geometry	
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)

a) MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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a) PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS- 4B <u>&amp;</u>	General Physics	(5)
			PHYS- 4C	General Physics	(5)
a) PHYSICS 9C	Classical Physics	(5)	PHYS- 4B <u>&amp;</u>	General Physics	(5)
			PHYS- 4C	General Physics	(5)
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a) CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM- 1A <u>&amp;</u>	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
a) CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
a) CHEM 128B	Organic Chemistry	(3)	CHEM- 12A <u>&amp;</u>	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
a) CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
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a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
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ENG CHM 60	Engineering Problem Solv	(4)			
a) ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)
			<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- 1A	English Composition	(3)
	<u>OR</u>			<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)

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

**REQUIRED FOR GRADUATION:**

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

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

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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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry (5)

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PHYSICS 7A	General Physics	(4)		PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I (4)
				PHYS- 2B	Algebra/Trigonometry-B based Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I (4)
				PHYS- 2B	Algebra/Trigonometry-B based Physics II (4)
PHYSICS 7C	General Physics	(4)		PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I (4)
				PHYS- 2B	Algebra/Trigonometry-B based 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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics (5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B <b>&amp;</b>	General Physics (5)
				PHYS- 4C	General Physics (5)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B <b>&amp;</b>	General Physics (5)
				PHYS- 4C	General Physics (5)

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CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A <b>&amp;</b>	Organic Chemistry (5)
				CHEM- 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM- 12B	Organic Chemistry (5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)		CHEM- 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM- 12A <b>&amp;</b>	Organic Chemistry (5)
				CHEM- 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)		CHEM- 12B	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM- 12A	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)		CHEM- 12A <b>&amp;</b>	Organic Chemistry (5)
				CHEM- 12B	Organic Chemistry (5)

**RECOMMENDED:**

MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus (5)
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**END OF MAJOR**

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

**Special Advising Note:**

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

Transfer students are strongly advised to complete as many preparatory courses

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

**REQUIREMENTS FOR ADMISSION:**

(for 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.

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

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

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

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

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

**Education(GE) Note:**

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

**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	

PHYSICS 7A	General Physics	(4)		PHYS- 2A	&	Algebra/Trigonometry-B (4) ased Physics I
				PHYS- 2B		Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)		PHYS- 2A	&	Algebra/Trigonometry-B (4) ased Physics I
				PHYS- 2B		Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)		PHYS- 2A	&	Algebra/Trigonometry-B (4) ased Physics I
				PHYS- 2B		Algebra/Trigonometry-B (4) ased Physics II

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

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**RECOMMENDED COURSES FOR THIS MAJOR:**

CHEM 2C	Genl Chemistry	(5)		CHEM- 1B		General Chemistry (5)
MATH 17C	Calculus for BioSci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	OR			OR		
MATH 21C	Calculus	(4)		MATH- 73		Multivariable Calculus (5)

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 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)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A <u>&amp;</u>	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
PHYSICS 7A	General Physics	(4)	PHYS- 2A <u>&amp;</u>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A <u>&amp;</u>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A <u>&amp;</u>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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- 73	Multivariable Calculus	(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- 71	Calculus I with	(5)
				Analytic Geometry	
a) MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
a) MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)

a) PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)	PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
a) CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to Circuit Analysis	(4)
a) ENGIN 35	Statics	(4)	ENGR- 69	Statics	(3)
a) UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)

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

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal Communication	(3)

#### REQUIRED FOR GRADUATION:

a) CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
a) CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
a) CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
a) CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A & CHEM- 12B	Organic Chemistry Organic Chemistry	(5) (5)
a) ENG BS 1	Biosys Engr Fndts	(4)	NO COMPARABLE COURSE		
a) ENG BS 75	Prop Mat in Bio Sys	(4)	NO COMPARABLE COURSE		
a) BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A & BIOL- 4B	General Principles and Cell Biology Organismal Biology and Biodiversity	(5) (5)

	<b>AND</b>		<b>AND</b>
a) BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B Organismal Biology and (5) Biodiversity

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

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END OF MAJOR

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.

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

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

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 [UC Davis General Catalog](#) online.

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

**AP and IB** examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

a) MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
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a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
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a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)
a) CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
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a) CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A	Organic Chemistry	(5)
a) CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>				<b>OR</b>	
a) CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry	(5)
a) CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A & CHEM- 12B	Organic Chemistry Organic Chemistry	(5) (5)
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a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)		ENGR- 71	Introduction to Circuit Analysis	(4)

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a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
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a) UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition	(3)
	OR				OR	
a) ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition	(3)

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

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**REQUIRED FOR GRADUATION:**

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

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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.

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOTECH 1Y	Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)

	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B ased Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B ased Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B ased Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B ased 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)	COMSC- 72	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

**RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:**

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
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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)	NO COMPARABLE COURSE		

**As of F18, Course Number = ENG CS 36C**

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**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.

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

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

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

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

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

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

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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
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CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
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MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
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PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)

PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II

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

**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (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- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
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a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
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a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)
a) CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
a) CHEM 128A	Organic Chemistry	(3)		CHEM- 12A	Organic Chemistry	(5)
a) CHEM 128B	Organic Chemistry	(3)		CHEM- 12A & CHEM- 12B	Organic Chemistry Organic Chemistry	(5) (5)
a) CHEM 129A	Organic Chem Lab	(2)		CHEM- 12A	Organic Chemistry	(5)
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ENG CHM 60	Engineering Problem Solv	(4)				
	<b>OR</b>				<b>OR</b>	
a) ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and Development	(3)

			<u>OR</u>			
				ENGR- 50	Introduction to	(4)
					Computing	
					<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.

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ENGIN 17	Circuits I	(4)		ENGR- 71	Introduction to	(4)
					Circuit Analysis	
					<u>OR</u>	
ENGIN 35	Statics	(4)		ENGR- 69	Statics	(3)
					<u>OR</u>	
a)	ENGIN 45	Prop of Mats	(4)		ENGR- 66	Properties of
					Materials	(3)

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a)	UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition	(3)
						<u>OR</u>	
a)	ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition	(3)

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

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a)	BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and	(5)
						Cell Biology	

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**REQUIRED FOR GRADUATION:**

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

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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.

====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- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	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- 78 Differential Equations (4)
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A & Organic Chemistry (5)
			CHEM- 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A Organic Chemistry (5)

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	

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

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
			<b>OR</b>		
			MATH- 62	Calculus for Business	(3)
				and Social Science	
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	

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

	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	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- 78	Differential Equations	(4)
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2)	CHEM- 12B	Organic Chemistry	(5)

**RECOMMENDED COURSES:**

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

**END OF MAJOR**

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

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

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

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

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4)	
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B (4)	
				ased Physics II	

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

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73 Multivariable Calculus (5)
-----			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A General Principles and Cell Biology (5)
-----			
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
	Same as: STATIST 13Y		
<b>OR</b>			<b>OR</b>
			BUS- 60 Fundamentals of Business Statistics (3)
<b>OR</b>			<b>OR</b>
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
	As of F18, title = Gateway to Data Science		
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A & Organic Chemistry (5)
			CHEM- 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B Organic Chemistry (5)
<b>OR</b>			<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A & Organic Chemistry (5)
			CHEM- 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A & Organic Chemistry (5)
			CHEM- 12B Organic Chemistry (5)

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**END OF MAJOR**

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

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

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

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

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B	(4)
				ased Physics II	
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B	(4)
				ased Physics II	
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B	(4)
				ased Physics II	

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

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
			<b>OR</b>		
			MATH- 62	Calculus for Business	(3)

MATH 16B	Short Calculus	(3)	MATH- 72	and Social Science Calculus II with	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Analytic Geometry Calculus II with	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
MATH 21B	Calculus	(4)	MATH- 72	Analytic Geometry Calculus II with	(5)
MATH 21C	Calculus	(4)	MATH- 73	Analytic Geometry Multivariable Calculus	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
ENV TOX 20	Introduction to Forensic Science	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
	<b>OR</b>		<b>OR</b>		
			BUS- 60	Fundamentals of Business Statistics	(3)
	<b>OR</b>			<b>OR</b>	
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- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

END OF MAJOR

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	ETH- 30 Chicana/o Culture (3)
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

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CHICANO 60	Chicana and Chicano Representn in Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 65	New Latin American Cinema	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 73	Art Expr Silk Scr	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 1	Elementary Spanish	(5)	SPAN- 1A Elementary Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN- 1A & Elementary Spanish (5)
			SPAN- 1B Elementary Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN- 1B Elementary Spanish (5)
	<b>OR</b>		<b>OR</b>
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not

			submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	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.

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	ETH- 30 Chicana/o Culture (3)
-----			
CHICANO 21	Hlth Care Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

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

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**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- 18 Introduction to Research Methods (3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5)	SPAN- 1A Elementary Spanish (5)
SPANISH 2	Elementary Spanish	(5)	SPAN- 1A & Elementary Spanish (5)
			SPAN- 1B Elementary Spanish (5)
SPANISH 3	Elementary Spanish	(5)	SPAN- 1B Elementary Spanish (5)
	<b>OR</b>		<b>OR</b>
SPANISH 28	Inter Conversation	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
SPANISH 32	Int Span Nat Spk II	(5)	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.

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**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.

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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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
	<b>OR</b>		<b>OR</b>
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COMPARABLE COURSE
x) CHINESE 2BL	Accl Wrtn Chinese II	(5)	NO COMPARABLE COURSE
x) CHINESE 3BL	Accl Wrtn Chinese III	(5)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COMPARABLE COURSE

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**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 COURSE ARTICULATED: College has not submitted course(s)for articulation
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE

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**END OF MAJOR**

x) **Transfer students must take a UC Davis placement exam in Chinese language**

before enrolling in UC Davis Chinese language courses; duplication of coursework may result.

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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

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

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

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**Select two of the following courses:**

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

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**END OF MAJOR**

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

**Special Advising Note:**

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- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
<hr/>						
a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)
<hr/>						
a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
a) ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and Development	(3)
				<b>OR</b>		
				ENGR- 50	Introduction to Computing	(4)

Required for admission. Students must complete one programming

course in a higher level language intended for students majoring in engineering, physical sciences, or mathematics.

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a) ENGIN 35	Statics	(4)		ENGR- 69	Statics	(3)
a) UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition	(3)
	OR				OR	
a) ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition	(3)

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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.

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a) COMUNCN 1	Intro Public Spkg	(4)		COMS- 20	Oral Communication	(3)
	OR				OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS- 10	Interpersonal Communication	(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.

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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.

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

AP and IB examination credit policies are detailed in the UC Davis 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
	<b>OR</b>		<b>OR</b>
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- 91	Survey of Art History: (3) Prehistoric Through Gothic
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	(4)	NO COMPARABLE COURSE	

PHILOS 21	World Phil: Ancient	(4)	NO COMPARABLE COURSE
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

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**END OF MAJOR**

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

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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LATIN 1 Elementary Latin (5)|NO COMPARABLE COURSE  
LATIN 2 Elementary Latin (5)|NO COMPARABLE COURSE  
LATIN 3 Intermediate Latin (5)|NO COMPARABLE COURSE

	<b>AND</b>		<b>AND</b>
GREEK 1	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5)	NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5)	NO COMPARABLE COURSE

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

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**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.

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

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

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

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

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

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

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

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

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

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

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

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

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ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
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COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
<hr/>					
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
<hr/>					
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
	<b>OR</b>			<b>OR</b>	
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)
<hr/>					
PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
<hr/>					
SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)

	<b>OR</b>		<b>OR</b>	
ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63
				Introduction to Social (3)
				and Cultural
				Anthropology

As of W17, units=5

STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics (3)
Same as: STATIST 13Y					
				<b>OR</b>	
				BUS- 60	Fundamentals of (3)
					Business Statistics

END OF MAJOR

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

**Special Advising Note:**

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

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

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

available from our TAG website.

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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)		NO COMPARABLE COURSE	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 1	General Psychology	(4)		PSYCH- 1	General Psychology (3)
PSYCH 41	Research Methods	(4)		PSYCH- 18	Introduction to Research Methods (3)
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics (3)
Same as: STATIST 13Y				<u>OR</u>	
				BUS- 60	Fundamentals of Business Statistics (3)

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**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.

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	COMSC- 72	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)

**OR**

ENGR- 50	Introduction to Computing	(4)
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**As of F18, Course Number = ENG CS 36A**

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
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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)	NO COMPARABLE COURSE

**As of F18, Course Number = ENG CS 36C**

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

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
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MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
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MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
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PHILOS 12	Intro to Symbol Logic	(4)	NO COMPARABLE COURSE
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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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PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH- 18	Introduction to Research Methods	(3)

STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
Same as: STATIST 13Y					

**OR**

BUS- 60	Fundamentals of Business Statistics	(3)
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**Emphasis 2: Neuroscience**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A <b><u>&amp;</u></b>	General Principles and Cell Biology	(5)
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BIOL- 4B	Organismal Biology and Biodiversity	(5)
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BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
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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
	<b>OR</b>		<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73 Multivariable Calculus (5)
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B based Physics I (4)
			PHYS- 2B Algebra/Trigonometry-B based Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B based Physics I (4)
			PHYS- 2B Algebra/Trigonometry-B based Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B based Physics I (4)
			PHYS- 2B Algebra/Trigonometry-B based Physics II (4)
	<b>OR</b>		<b>OR</b>
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B & General Physics (5)
			PHYS- 4C General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B & General Physics (5)
			PHYS- 4C General Physics (5)
PSYCH 1	General Psychology	(4)	PSYCH- 1 General Psychology (3)
PSYCH 41	Research Methods	(4)	PSYCH- 18 Introduction to Research Methods (3)
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
	Same as: STATIST 13Y		<b>OR</b>
			BUS- 60 Fundamentals of Business Statistics (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.

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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ANTHRO 4	Anthro Linguistics	(4)	NO COMPARABLE COURSE	
	OR			OR
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE	
COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication (3)
	OR			OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	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
LINGUIS 5	Global English Comm	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation	
	Same as: COMUNCN 5			
COMUNCN 10Y	Intro to Communication	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
B) ENG CS 15	Intro to Computers	(4)	CIT- 10	Computer and Information Technology (3)

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

PHILOS 12	Intro to Symbol Logic	(4)	OR	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	OR	PSYCH- 1	General Psychology (3)
SOCIOL 1	Intro Sociology	(5)	OR	SOC- 10	Introduction to Sociology (3)
SOCIOL 46B	Intro Social Rsch	(5)	OR	NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)	OR	MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y		OR	BUS- 60	Fundamentals of Business Statistics (3)

END OF MAJOR

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

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

Special Advising Note:

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

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

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

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

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

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

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

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

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

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

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

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

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

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**TWO COURSES FROM THE FOLLOWING:**

COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE		
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE		
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE		
COMPLIT 4	Maj Books:Cont Wrld	(4)	HUMNT- 2	Introduction to World Literature	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
UWRITING 19	Wrtg Research Papers	(4)	ENGL- 1C	Critical Thinking/Composition	(3)
As of F17, Course Number = UWRITING 49					

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

PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
B) ENG CS 15	Intro to Computers	(4)	CIT- 10 Computer and Information Technology (3)

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

ECON 1A	Princ of Microecon	(4)	ECON- 10B Introduction to Microeconomic Theory (3)
	<b>OR</b>		<b>OR</b>
ECON 1B	Princ of Macroecon	(4)	ECON- 10A Principles of Macroeconomic Theory (3)
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social and Cultural Anthropology (3)
As of W17, units=5			
	<b>OR</b>		<b>OR</b>
SOCIOL 1	Intro Sociology	(5)	SOC- 10 Introduction to Sociology (3)
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
Same as: STATIST 13Y			
	<b>OR</b>		<b>OR</b>
			BUS- 60 Fundamentals of Business Statistics (3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science			
	<b>OR</b>		<b>OR</b>
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

**END OF MAJOR**

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

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

**Special Advising Note:**

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

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

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
COMPLIT 4	Maj Books:Cont Wrld	(4)	HUMNT- 2 Introduction to World Literature (3)

**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)	HUMNT- 2 Introduction to World Literature (3)
COMPLIT 5	Fairy Tales, Fables, Parables	(4)	NO COMPARABLE COURSE
COMPLIT 6	Myths & Legends	(4)	ENGL- 28 Introduction to World Mythology (3)
COMPLIT 7	Lit:Fant,Supernatl	(4)	NO COMPARABLE COURSE

COMPLIT 8	Utopias Transform	(4)	NO COMPARABLE COURSE
COMPLIT 9	Short Story & Novella	(4)	NO COMPARABLE COURSE
COMPLIT 11	Travel and Modern World	(4)	NO COURSE ARTICULATED: College has not
Same as:	GERMAN 11		submitted course(s)for articulation
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
COMPLIT 13	Dramatic Lit	(3)	NO COMPARABLE COURSE
COMPLIT 14	Intro Poetry	(3)	NO COMPARABLE COURSE
COMPLIT 20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT 24	Animals in Literature	(4)	NO COURSE ARTICULATED:College has not
			submitted course(s)for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic World	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

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

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

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**END OF MAJOR**

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

**Special Advising Note:**

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- 71	Calculus I with	(5)
				Analytic Geometry	
a) MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
a) MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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a) PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
a) PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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a) CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
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a) ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to	(4)
				Circuit Analysis	
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a) ENG CS 20	C Sci/Discrete Math	(4)	COMSC- 72	Discrete Mathematics	(4)

a) ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and Development	(3)
				<u>OR</u>		
				ENGR- 50	Introduction to Computing	(4)
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)		COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
a) ENG CS 60	Data Structures & Programming	(4)		NO COMPARABLE COURSE		
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a) UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition	(3)
	<u>OR</u>			<u>OR</u>		
a) ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)		COMS- 20	Oral Communication	(3)
	<u>OR</u>			<u>OR</u>		
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS- 10	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- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)

a) PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)	PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)	PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
a) CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
a) ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to Circuit Analysis	(4)
a) ENG CS 20	C Sci/Discrete Math	(4)	COMSC- 72	Discrete Mathematics	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)
a) ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
a) ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
a) ENG CS 60	Data Structures & Programming	(4)	NO COMPARABLE COURSE		
a) UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
	<u>OR</u>			<u>OR</u>	
a) ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
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Only Communication 1 can be used to satisfy the communications requirement for this major. No credit will be allowed for Communication 3.

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

**REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

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

Mathematics 21A/B/C

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

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

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

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

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**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.

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**Special Advising Note:**

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

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

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

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

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

**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- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
	<b>OR</b>			<b>OR</b>	
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)	COMSC- 72	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
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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)	NO COMPARABLE COURSE		

**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- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A <b>&amp;</b>	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	

**Group Two:**

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
	<b>OR</b>			<b>OR</b>	

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

**Group Four:**

PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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DESIGN 31	Photo for Designers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

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

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DESIGN 1	Intro to Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 14	Design Drawing	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**OR**

**OR**

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DESIGN 21	Drafting and Perspective	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 15	Form & Color	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**AND**

**AND**

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DESIGN 16	Graphics & The Computer	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**OR**

**OR**

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DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**OR**

**OR**

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DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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**ONE COURSE FROM THE FOLLOWING:**

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

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ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 37	Coding for Designers	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 40A	Energy, Materials, Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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DESIGN 77	Intro to Fashion Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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UWRITING 11	Pop Sci & Technol Wrtnng	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>	
UWRITING 12	Writing/Visual Rhetoric	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
	<b>OR</b>			<b>OR</b>	
UWRITING 18	Style in the Essay	(4)		NO COMPARABLE COURSE	
As of F17, Course Number = UWRITING 48					
	<b>OR</b>			<b>OR</b>	
UWRITING 19	Wrtg Research Papers	(4)		ENGL- 1C      Critical      (3) Thinking/Composition	
As of F17, Course Number = UWRITING 49					
<b>END OF MAJOR</b>					

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

available from our TAG website.

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

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**ONE COURSE FROM THE FOLLOWING:**

ARTHI 1D	Arts of Asia	(4)	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 COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 25	Language & Culture (in English)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
JPNESE 50	Intro to Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: CHINESE 50			
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL STD 75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

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**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
	<b>OR</b>		<b>OR</b>
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.

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

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

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

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

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)

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

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE		
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**PREPARATION FOR GRADUATION:**

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

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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ECON 1A	Princ of Microecon	(4)		ECON- 10B	Introduction to	(3)
					Microeconomic Theory	
ECON 1B	Princ of Macroecon	(4)		ECON- 10A	Principles of	(3)
					Macroeconomic Theory	
<hr/>						
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y					
				<b>OR</b>		
				BUS- 60	Fundamentals of	(3)
					Business Statistics	
				<b>OR</b>		
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science					

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

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

MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	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](#).

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 [UC Davis General Catalog](#) online.

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

**AP and IB** examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

a) MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
-----						
a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
a) PHYSICS 9D	Modern Physics	(4)		NO COMPARABLE COURSE		
-----						
a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
-----						
a) ENGIN 17	Circuits I	(4)		ENGR- 71	Introduction to Circuit Analysis	(4)
-----						
a) ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and Development	(3)
				<b>OR</b>		
				ENGR- 50	Introduction to Computing	(4)

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**REQUIRED FOR GRADUATION:**

a) ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE	
-----					
a) UWRITING 1	Expository Writing	(4)		ENGL- 1A	English Composition (3)
	OR				OR
a) ENGLISH 3	Intro to Lit	(4)		ENGL- 1B	English Composition (3)

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

a) COMUNCN 1	Intro Public Spkg	(4)		COMS- 20	Oral Communication (3)
	OR				OR
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)		COMS- 10	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.

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

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL- 86A	Survey of English Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL- 84A	Survey of American Literature I	(3)
			<b>OR</b>		
			ENGL- 86B	Survey of English Literature II	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL- 84B	Survey of American Literature II	(3)

**ONE COURSE FROM THE FOLLOWING:**

ENGLISH 40	Intro Topics in Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 43	Intro Topics in Drama	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 44	Intro Topics in Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ENGLISH 45	Intro Topics in Poetry	(4)	ENGL- 21	Introduction to Poetry	(3)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<u>OR</u>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<u>OR</u>			<u>OR</u>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<u>OR</u>			<u>OR</u>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

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

STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
	<u>OR</u>			<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				
	<u>OR</u>			<u>OR</u>	
PL SCI 21	Computers in Technology	(3)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the [2016-18 UC Davis General Catalog](#) online.

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

**AP and IB** examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)

MATH 21C	Calculus	(4)	MATH- 73	Analytic Geometry	
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH- 78	Linear Algebra	(3)
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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	Differential Equations	(4)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
-----					
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
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ENGIN 35	Statics	(4)	ENGR- 69	Statics	(3)
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ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
	OR		OR		
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			OR		
			ENGR- 50	Introduction to Computing	(4)

As of F18, Course Number = ENG CS 36A

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

ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
	OR			OR	
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
-----					
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
	OR		OR		
GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		

END OF MAJOR

====Environmental Horticulture and Urban Forestry B.S.====  
**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

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

**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.**

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ENVHORT 1	Intro Envhort/Urb For	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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ENVHORT 6	Intro Environ Plants	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A General Principles and Cell Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A & General Principles and Cell Biology (5) BIOL- 4B Organismal Biology and Biodiversity (5)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & General Chemistry (5) CHEM- 1B General Chemistry (5)
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
	OR		OR
ENV S&P 10	Current Issues in Environment	(3)	ENVIR- 10 Environmental Science (4)
	<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>		
	OR		OR
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE
	Same as: ENV SC&M 30		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16A	Short Calculus	(3)	MATH- 71 Calculus I with Analytic Geometry (5)
	OR		OR
			MATH- 62 Calculus for Business and Social Science (3)
	OR		OR
STATIST 13	Elementary Statistics	(4)	MATH- 63 Elementary Statistics (3)
	Same as: STATIST 13Y		
			OR
			BUS- 60 Fundamentals of Business Statistics (3)

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

**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:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMS- 20	Oral Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce <b>OR</b>	(4)	COMS- 10	Interpersonal Communication	(3)
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

BIOLSCI 2A	Intro Biology: Life on Earth <b>OR</b>	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 10	Everyday Biology	(4)	BIOL- 21	General Biology	(4)
CHEM 2A	Genl Chemistry <b>OR</b>	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE		

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

BIOLSCI 2B	Intro Biology: Ecology & Evolution <b>OR</b>	(5)	BIOL- 4A & BIOL- 4B	General Principles and Cell Biology Organismal Biology and Biodiversity	(5) (5)
CHEM 2B	Genl Chemistry <b>OR</b>	(5)	CHEM- 1A & CHEM- 1B	General Chemistry General Chemistry	(5) (5)
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

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

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)

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**ONE COURSE FROM THE FOLLOWING:**

AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		
GEOLOGY 1	The Earth	(4)	NO COMPARABLE COURSE		
PL SCI 12	Plants and Society	(4)	NO COURSE ARTICULATED: College has not		

Same as: SCI&SOC 12				submitted course(s) for articulation	
FORMERLY PLANT BIO 12					
W&F BIO 51	Intro to Conservation Biology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE	
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MATH 16A	Short Calculus	(3)		MATH- 71	Calculus I with Analytic Geometry (5)
				<u>OR</u>	
				MATH- 62	Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry (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	
				<u>OR</u>	
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry (5)
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POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and Government in America (3)
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STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y			<u>OR</u>	
				BUS- 60	Fundamentals of Business Statistics (3)
				<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science				

**CLIMATE CHANGE POLICY AREA:**

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

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 3	<b>OR</b> Intprsnl Com Cmpetnce	(4)	COMS- 10	<b>OR</b> Interpersonal Communication	(3)
DRAMART 10	<b>OR</b> Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A <b>&amp;</b>	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A <b>&amp;</b>	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2AH	<b>OR</b> Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	<b>OR</b> Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
GEOLOGY 1	The Earth	(4)	NO COMPARABLE COURSE		
GEOLOGY 50	<b>OR</b> Physical Geology	(3)	NO COMPARABLE COURSE		
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 7A	<b>OR</b> General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.					
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	



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

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

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

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

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

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

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

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

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

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

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

**AP and IB examination credit policies are detailed in the UC Davis 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

**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**

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

**OR**

CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)

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

**OR**

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)

	ased Physics I
PHYS- 2B	Algebra/Trigonometry-B (4)
	ased Physics II

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

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**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.

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)

of Life

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(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		
	<b>OR</b>			<b>OR</b>	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(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)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)

CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A <b>&amp;</b>	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
PHYSICS 7A	General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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- 73	Multivariable Calculus	(5)
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**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- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
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B) ENG CS 15	Intro to Computers	(4)	CIT- 10	Computer and Information Technology	(3)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

As of F18, Course Number = ENG CS 36A

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

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
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PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)

Same as: STATIST 13Y

OR  
BUS- 60 Fundamentals of (3)  
Business Statistics

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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- 66 Properties of (3) Materials

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**PREPARATION FOR GRADUATION:**

CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

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**ELECTIVE COURSES:**

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to (3) Microeconomic Theory	
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of (3) Macroeconomic Theory	
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra (3)	
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations (4)	
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**END OF MAJOR**

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

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<u>OR</u>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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)	FCS- 19	Nutrition	(3)

**RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:**

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	

CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A <b>&amp;</b>	Organic Chemistry	(5)
	<b>AND</b>		CHEM- 12B	Organic Chemistry	(5)
				<b>AND</b>	
CHEM 129C	Organic Chem Lab	(2)	CHEM- 12B	Organic Chemistry	(5)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

FRENCH 1	Elementary French	(5)	FREN- 1A	Elementary French	(5)
FRENCH 2	Elementary French	(5)	FREN- 1A <b>&amp;</b>	Elementary French	(5)
			FREN- 1B	Elementary French	(5)

FRENCH 3	Elementary French	(5)	FREN- 1B	Elementary French	(5)
FRENCH 21	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
FRENCH 23	Intermed French	(5)	NO COMPARABLE COURSE		
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LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE		
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**Please Note: Based on our experience, and in order to insure that students are well-prepared for second year and upper-division courses, students who plan to enroll in FRENCH 21 or a higher course must first consult with one of the French Department's Lower-Division Language Coordinators. It is also strongly recommended that all transfer students take the French Placement Test when transferring to UC Davis.**

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your

UC Davis College Dean's Office or the Biology Academic Success Center for more information.

**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 COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology
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)	ETH- 42 Asian Pacific American (3) (APA) Culture and Experience
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	ETH- 30 Chicana/o Culture (3)
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 3	Intro to Lit	(4)	ENGL- 1B English Composition (3)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 85	Nat, Man&Mach/Amer	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH- 1 General Psychology (3)
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as: ANTHRO 32			
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems	(4)	SOC- 11 Social Problems (3)
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not

SOCIOL 30A	Employment Multicultural Societies	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
UWRITING 19	Wrtg Research Papers	(4)	ENGL- 1C Critical (3) Thinking/Composition
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

====Genetics and Genomics B.S.====

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)

CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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- 73	Multivariable Calculus	(5)
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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

**College Foreign Language Requirement Note:**

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

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

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

GEOLOGY 3	History of Life	(3)		NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)		NO COMPARABLE COURSE	
GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials:Intro	(4)		NO COMPARABLE COURSE	
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MATH 16A	Short Calculus	(3)		MATH- 71	Calculus I with Analytic Geometry (5)
				<b>OR</b>	
				MATH- 62	Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry (5)
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry (5)
<hr/>					
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry (5)
				CHEM- 1B	General Chemistry (5)
<hr/>					
PHYSICS 7A	General Physics	(4)		PHYS- 2A &	Algebra/Trigonometry-B based Physics I (4)
				PHYS- 2B	Algebra/Trigonometry-B based Physics II (4)
PHYSICS 7B	General Physics	(4)		PHYS- 2A &	Algebra/Trigonometry-B based Physics I (4)
				PHYS- 2B	Algebra/Trigonometry-B based 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.

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STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y					
				<u>OR</u>		
				BUS- 60	Fundamentals of	(3)
					Business Statistics	
	<u>OR</u>				<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
As of F18,	title = Gateway to Data Science					

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**RECOMMENDED COURSES:**

PHYSICS 7C	General Physics	(4)		PHYS- 2A &	Algebra/Trigonometry-B (4)
					ased Physics I
				PHYS- 2B	Algebra/Trigonometry-B (4)
					ased Physics II

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

GEOLOGY 3	History of Life	(3)	NO COMPARABLE COURSE	
GEOLOGY 3L	History of Life Lab	(1)	NO COMPARABLE COURSE	
GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE	
GEOLOGY 50L	Physical Geol Lab	(2)	NO COMPARABLE COURSE	
GEOLOGY 60	Earth Materials: Intro	(4)	NO COMPARABLE COURSE	
GEOLOGY 62	Optical Mineralogy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry (5)
			CHEM- 1B	General Chemistry (5)

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

**GENERAL GEOLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry (5)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science				
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II

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

	<b>OR</b>			<b>OR</b>
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics (5)
			PHYS- 4C	General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics (5)
			PHYS- 4C	General Physics (5)

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

**RECOMMENDED COURSES:**

MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus (5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations (4)

**GEOCHEMISTRY/PETROLOGY OPTION:**

CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(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- 73	Multivariable Calculus	(5)
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C	General Physics	(5)

**RECOMMENDED COURSES:**

MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C	General Physics	(5)

**QUANTITATIVE/GEOPHYSICS OPTION:**

MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C	General Physics	(5)

**RECOMMENDED COURSES:**

MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science						
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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**College Foreign Language Requirement Note:**

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

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

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GERMAN 1	Elementary German	(5)		NO COMPARABLE COURSE
GERMAN 2	Elementary German	(5)		NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)		NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)		NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)		NO COMPARABLE COURSE
GERMAN 22	Intermediate German	(4)		NO COMPARABLE COURSE

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

**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)		BIOL- 4A General Principles and (5) Cell Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A & General Principles and (5) Cell Biology

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B ased Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B ased Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B ased Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B ased 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- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<b><u>OR</u></b>		
			BUS- 60	Fundamentals of Business Statistics	(3)

**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.

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recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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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**Five lower-division courses, including at least two from one of the following fields, one from a second field, and one from a third field. The fifth course can be taken from any field:**

**A.AFRICAN AND MIDDLE EAST HISTORY**

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

Course discontinued as of S18

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**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

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**C. EUROPEAN HISTORY**

HISTORY 3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	HIST- 10A Development of (3)

HISTORY 4B	Western Civ	(4)	HIST- 10A &	Western Culture I Development of	(3)
			HIST- 10B	Western Culture I Development of	(3)
HISTORY 4C	Western Civ	(4)	HIST- 10B	Western Culture II Development of	(3)
				Western Culture II	

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**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

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**E. U.S. HISTORY**

HISTORY 17A	U.S. History	(4)	HIST- 17A	History of the United States	(3)
HISTORY 17B	U.S. History	(4)	HIST- 17B	History of the United States	(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		

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**F. WORLD HISTORY**

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

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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

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

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

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

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

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

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**Select two of the following courses:**

ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology

As of W17, units=5

ANTHRO 15 Human Life Cycle (5) | NO COMPARABLE COURSE

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**Select one course from:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
	<b>OR</b>				<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)		BIOL- 21	General Biology	(4)
	<b>OR</b>				<b>OR</b>	
MIC BIO 10	Natural History of Infectious Diseases	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>				<b>OR</b>	
NE PH B 12	Human Brain and Disease	(3)		NO COMPARABLE COURSE		

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MOL&CB 10 Intro Human Heredity (4) | BIOL- 61 Human Heredity (3)  
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**Select one course from:**

HISTORY 17A	U.S. History	(4)		HIST- 17A	History of the United States	(3)
	<b>OR</b>				<b>OR</b>	
HISTORY 17B	U.S. History	(4)		HIST- 17B	History of the United States	(3)
	<b>OR</b>				<b>OR</b>	
HISTORY 72A	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
HISTORY 72B	Am Women & Gender	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and Government in America	(3)

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**Select two of the following courses:**

PHILOS 5	Critical Reasoning	(4)		PHIL- 60	Logic and Critical Thinking	(3)
PHILOS 15	Intro to Bioethics	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 30	Intro Philos of Sci	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PHILOS 31	Scientific Reason	(4)		NO COMPARABLE COURSE		
PHILOS 32	Scientific Change	(4)		NO COMPARABLE COURSE		
PHILOS 38	Intro Philos of Biol	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
NE PH B 10	Elem Human Physio	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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PSYCH 1 General Psychology (4) | PSYCH- 1 General Psychology (3)  
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**Select one of the following options:**

PSYCH 41	Research Methods	(4)		PSYCH- 18	Introduction to Research Methods	(3)
	<b>OR</b>				<b>OR</b>	
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>				<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
STATIST 10	Statist Thinking	(4)		NO COMPARABLE COURSE		
	<b>OR</b>				<b>OR</b>	
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y					

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.

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

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
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PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B &	General Physics	(5)
				PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B &	General Physics	(5)
				PHYS- 4C	General Physics	(5)
<hr/>						
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
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GEOLOGY 50	Physical Geology	(3)		NO COMPARABLE COURSE		
GEOLOGY 50L	Physical Geol Lab	(2)		NO COMPARABLE COURSE		
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ENGIN 6	Engr Prob Solving	(4)		NO COMPARABLE COURSE		

**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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INT AG 10	Intro Intl Ag Development	(4)	NO COMPARABLE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory (3)
	<b>AND</b>			<b>AND</b>
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory (3)
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y		<b>OR</b>	
			BUS- 60	Fundamentals of Business Statistics (3)
	<b>OR</b>			<b>OR</b>
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry (5)
			<b>OR</b>	
			MATH- 62	Calculus for Business and Social Science (3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE	

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**SIX QUARTER UNITS FROM THE FOLLOWING:**

AGRESEC 15	Pop, Envr, World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AN SCI 41	Domestic Ani Prod	(2)	NO COMPARABLE COURSE
AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
NUTR 10	Discoveries and Concepts	(3)	FCS- 19 Nutrition (3)
PL SCI 1	Agr Nature & Society	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**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

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**AREAS OF SPECIALIZATION:**

**AGRICULTURAL PRODUCTION OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)

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**TRADE AND ECONOMIC DEVELOPMENT OPTION:**

MATH 16B	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry	(5)
SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>		
ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5						
AGRESEC 15	Pop,Envr,World Agri	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ENVIRONMENTAL ISSUES OPTION:**

BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
ENV S&P 1	Env Analysis	(4)		NO COMPARABLE COURSE		

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**RURAL COMMUNITIES OPTION:**

SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5						

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63	Introduction to Social (3) and Cultural Anthropology
As of W17, units=5					
OR					
ECON 1A	Princ of Microecon	(4)		ECON- 10B	Introduction to (3) Microeconomic Theory
OR					
ECON 1B	Princ of Macroecon	(4)		ECON- 10A	Principles of (3) Macroeconomic Theory
OR					
HISTORY 4C	Western Civ	(4)		HIST- 10B	Development of (3) Western Culture II
OR					
HISTORY 10C	World History III	(4)		HIST- 3B	World History from (3) 1500
OR					
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE	
OR					
POL SCI 3	Internatl Relations	(4)		NO COMPARABLE COURSE	
OR					
POL SCI 12Y	Data Visualization	(4)		NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s)for articulation	
OR					
SOCIOL 12Y					
OR					

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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
				<u>OR</u>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
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POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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**FOREIGN LANGUAGE: ONE OF THE FOLLOWING SERIES IN A SINGLE LANGUAGE, OR CERTIFIED FLUENCY AT THE HIGHEST LEVEL REQUIRED BELOW:**

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

ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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		
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					
	<u>OR</u>			<u>OR</u>	
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		
	<u>OR</u>			<u>OR</u>	
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		
	<u>OR</u>			<u>OR</u>	
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		
	<u>OR</u>			<u>OR</u>	
FRENCH 1	Elementary French	(5)	FREN- 1A	Elementary French	(5)
FRENCH 2	Elementary French	(5)	FREN- 1A &	Elementary French	(5)
			FREN- 1B	Elementary French	(5)
FRENCH 3	Elementary French	(5)	FREN- 1B	Elementary French	(5)
FRENCH 21	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
FRENCH 22	Intermed French	(5)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
	<u>OR</u>			<u>OR</u>	
GERMAN 1	Elementary German	(5)	NO COMPARABLE COURSE		

GERMAN 2	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 3	Elementary German	(5)	NO COMPARABLE COURSE
GERMAN 20	Intermediate German	(4)	NO COMPARABLE COURSE
GERMAN 21	Intermediate German	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
HEBREW 1	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	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
	<b>OR</b>		<b>OR</b>
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu	(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			
	<b>OR</b>		<b>OR</b>
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
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
	<b>OR</b>		<b>OR</b>
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>

RUSSIAN 1	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)		NO COMPARABLE COURSE

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

	<b>OR</b>				<b>OR</b>	
SPANISH 1	Elementary Spanish	(5)		SPAN- 1A	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN- 1A &	Elementary Spanish	(5)
				SPAN- 1B	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN- 1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)		SPAN- 2A	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)		SPAN- 2B	Intensive Intermediate	(5)
					Spanish	
	<b>OR</b>				<b>OR</b>	
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		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.

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**END OF MAJOR**

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

**====Italian A.B.====**

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 9	Reading Italian	(4)	NO COMPARABLE COURSE

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

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END OF MAJOR

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

**Special Advising Note:**

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

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

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**Japanese Placement Examination Note:**

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

**AP and IB examination credit policies are detailed in the UC Davis 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

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**RECOMMENDED COURSES FOR THIS MAJOR:**

JPNESE 10	Masterworks in English	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
JPNESE 25	Language & Culture (in English)	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO 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

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**END OF MAJOR**

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

**====Landscape Architecture B.S.====****Special Advising Note:**

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

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

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**PRE-MAJOR REQUIREMENT:**

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

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

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

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

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

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

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

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

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

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

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

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

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

**AP and IB examination credit policies are detailed in the UC Davis 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- 20	Oral Communication	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
	<b>OR</b>			<b>OR</b>	
UWRITING 19	Wrtg Research Papers	(4)	ENGL- 1C	Critical Thinking/Composition	(3)
As of F17, Course Number = UWRITING 49					
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A <b>&amp;</b>	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
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ENVHORT 6 Intro Environ Plants (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<u>OR</u>		
			MATH- 62	Calculus for Business and Social Science	(3)
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y		<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)

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

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**ONE COURSE FROM THE FOLLOWING:**

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
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	
GEOLOGY 1	The Earth	(4)		NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)		NO COMPARABLE COURSE	

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LND ARC 1	Intro Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 2	Place, Culture, Community	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 3	Sustainable Development	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 21	Design Visualization	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

As of F17, units = 4

As of F17, title = Land Rep I

LND ARC 30	History Environ Design	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 50	Site Ecology	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 60	Landform Grading Studio	(6)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
LND ARC 70	Introduction to Spacemaking	(5)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	

As of F17, units = 4

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

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

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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**College Foreign Language Requirement Note:**

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

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LINGUIS 1      Intro Linguistics                      (4) | NO COMPARABLE COURSE

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**FOREIGN LANGUAGE:**    One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used to fulfill the college requirement

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END OF MAJOR

====Managerial Economics B.S.====

**Special Advising Note:**

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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- 20	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	BUS- 71	Legal Environment of Business	(3)
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)
	<b>OR</b>			<b>OR</b>	
B) ENG CS 15	Intro to Computers	(4)	CIT- 10	Computer and Information Technology	(3)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

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

MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
MGMT 11B	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)

MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<b>OR</b>		
			BUS- 60	Fundamentals of Business Statistics	(3)
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**END OF MAJOR**

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

**====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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A	&	General Principles and Cell Biology	(5)
			BIOL- 4B		Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B		Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A		General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A	&	General Chemistry	(5)
			CHEM- 1B		General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B		General Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH- 71		Calculus I with Analytic Geometry	(5)
				<b>OR</b>		
			MATH- 62		Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72		Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72		Calculus II with Analytic Geometry	(5)

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

				<b>OR</b>		
MATH 21A	Calculus	(4)	MATH- 71		Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72		Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73		Multivariable Calculus	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A	&	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B		Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A	&	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B		Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A	&	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B		Algebra/Trigonometry-B based 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.

				<b>OR</b>		
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A		General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B	&	General Physics	(5)
			PHYS- 4C		General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B	&	General Physics	(5)
			PHYS- 4C		General Physics	(5)

**STRONGLY RECOMMENDED:**

EVOL&EC 12 Life in the Sea (3) | NO COURSE ARTICULATED: College has not  
| submitted course(s) for articulation

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GEOLOGY 16 The Oceans (3) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation

**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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>AND</b>			<b>AND</b>	
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71 Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72 Calculus II with Analytic Geometry (5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) used Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) used Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) used Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) used Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) used Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) used Physics II

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

<b>OR</b>			<b>OR</b>
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A General Physics (5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B & General Physics (5)
			PHYS- 4C General Physics (5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B & General Physics (5)
			PHYS- 4C General Physics (5)

**STRONGLY RECOMMENDED:**

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

**END OF MAJOR**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ASSIST for more information about UC Davis GE.

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

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

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

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

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A <b>&amp;</b>	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A <b>&amp;</b>	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
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MATH 16A	Short Calculus	(3)		MATH- 71	Calculus I with Analytic Geometry	(5)
				<b>OR</b>		
				MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)		MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>		
MATH 17A	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>		
MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
<hr/>						
PHYSICS 7A	General Physics	(4)		PHYS- 2A <b>&amp;</b>	Algebra/Trigonometry-B based Physics I	(4)
				PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)

PHYSICS 7B	General Physics	(4)		PHYS- 2A	&	Algebra/Trigonometry-B (4) ased Physics I
				PHYS- 2B		Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)		PHYS- 2A	&	Algebra/Trigonometry-B (4) ased Physics I
				PHYS- 2B		Algebra/Trigonometry-B (4) ased Physics II

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

	<b>OR</b>				<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A		General Physics (5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C		General Physics (5)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C		General Physics (5)

**STRONGLY RECOMMENDED:**

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

**END OF MAJOR**

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

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

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

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

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

Visit <http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/>

for details regarding the marine and coastal science undergraduate major.

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

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MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>		<b>OR</b>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>		<b>OR</b>		
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)

MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
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PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

**STRONGLY RECOMMENDED:**

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

**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.

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

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

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**General Education (GE) Note:**

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 [UC Davis General Catalog](#) online.

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

**AP and IB** examination credit policies are detailed in the UC Davis 2016-2018 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**REQUIRED FOR ADMISSION:**

a) MATH 21A	Calculus	(4)		MATH- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
<hr/>						
a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)

a) PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

a) PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE		
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a) CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
a) CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

a) ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to Circuit Analysis	(4)
a) ENGIN 45	Prop of Mats	(4)	ENGR- 66	Properties of Materials	(3)

ENG CHM 60	Engineering Problem Solv	(4)			
	OR			OR	
a) ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			OR		
			ENGR- 50	Introduction to Computing	(4)
	OR			OR	
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- 1A	English Composition	(3)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal Communication	(3)

**RECOMMENDED COURSES:**

a) ENGIN 35	Statics	(4)	ENGR- 69	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.

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

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

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

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

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**Recommended Language Preparation Note:**

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

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

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

MATH 21A	Calculus	(4)		MATH- 71	Calculus I with	(5)
					Analytic Geometry	
MATH 21B	Calculus	(4)		MATH- 72	Calculus II with	(5)
					Analytic Geometry	
MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
	OR				OR	
					Or high school equivalent	

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MATH 17A      Calculus for BioSci      (4) | NO COURSE ARTICULATED: College has not

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

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MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus (5)
MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations (4)
MATH 25	Advanced Calculus	(4)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	

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

**or equivalent basic knowledge of MATLAB.**

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

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>		
MATH 108	Intro Abstract Math	(4)		This course must be taken at UC Davis		

**OR SELECT THE FOLLOWING COURSE:**

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

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ENG CS 30	Programming&Prob Solving	(4)		CIT- 20	Program Design and	(3)
					Development	
				<b>OR</b>		
				ENGR- 50	Introduction to	(4)
					Computing	

**As of F18, Course Number = ENG CS 36A**

ENG CS 40	Sftwr/Obj-Orien:C++	(4)		COMSC- 76	Computer Science II:	(4)
					Introduction to Data	
					Structures	

**As of F18, Course Number = ENG CS 36B**

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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

**Education(GE) Note:**

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

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**Recommended Language Preparation Note:**

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

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**Or high school equivalent**

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

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

MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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).

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**BOTH OF THE FOLLOWING COURSES:**

MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

**OR SELECT THE FOLLOWING COURSE:**

MATH 67	Modern Linear Algebra	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
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ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to	(3)
				Microeconomic Theory	
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of	(3)
				Macroeconomic Theory	

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

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

**Special Advising Note:**

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

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

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**Special Advising Note for future applicants:\***

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

\*Information for future applicants is subject to change  
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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.  
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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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

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

**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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- 79	Linear Algebra	(3)
	<b>AND</b>			<b>AND</b>	
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

**OR SELECT THE FOLLOWING COURSE:**

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)

As of F18, Course Number = ENG CS 36A

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

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

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END OF MAJOR

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

**Special Advising Note:**

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

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

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**Special Advising Note for future applicants:\***

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

\*Information for future applicants is subject to change

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

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

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

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

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

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MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
<b>Or high school equivalent</b>					

MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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		
<b>or equivalent basic knowledge of MATLAB.</b>					

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- 79	Linear Algebra	(3)
<b>AND</b>			<b>AND</b>		
MATH 108	Intro Abstract Math	(4)	This course must be taken at UC Davis		

**OR SELECT THE FOLLOWING COURSE:**

MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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ENG CS 30	Programing&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

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

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<b>PLAN 1: GENERAL MATHEMATICS</b>					
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics (5)
<b>PLAN 2: MATHEMATICS FOR SECONDARY TEACHING</b>					
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics (5)
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)		PHYS- 2A	& Algebra/Trigonometry-B (4)
					ased Physics I
				PHYS- 2B	Algebra/Trigonometry-B (4)
					ased Physics II
	<b>OR</b>			<b>OR</b>	
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y				
				<b>OR</b>	
				BUS- 60	Fundamentals of (3)
					Business Statistics
	<b>OR</b>			<b>OR</b>	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science				

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**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- 71	Calculus I with Analytic Geometry	(5)
a) MATH 21B	Calculus	(4)		MATH- 72	Calculus II with Analytic Geometry	(5)
a) MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 21D	Vector Analysis	(4)		MATH- 73	Multivariable Calculus	(5)
a) MATH 22A	Linear Algebra	(3)		MATH- 79	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)		MATH- 78	Differential Equations	(4)
a) CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
a) CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
a) PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
a) PHYSICS 9B	Classical Physics	(5)		PHYS- 4B &	General Physics	(5)
				PHYS- 4C	General Physics	(5)
a) PHYSICS 9C	Classical Physics	(5)		PHYS- 4B &	General Physics	(5)
				PHYS- 4C	General Physics	(5)
a) ENGIN 4	Graphics in Design	(3)		ENGR- 18	Engineering Design and Graphics	(3)
a) ENGIN 17	Circuits I	(4)		ENGR- 71	Introduction to Circuit Analysis	(4)

a) ENGIN 35	Statics	(4)	ENGR- 69	Statics	(3)
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a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
	OR			OR	
a) ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			OR		
			ENGR- 50	Introduction to Computing	(4)

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

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**REQUIRED FOR GRADUATION:**

a) UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
	OR			OR	
a) ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal Communication	(3)
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a) ENGIN 45	Prop of Mats	(4)	ENGR- 66	Properties of Materials	(3)
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a) ENG MEC 50	Mfg Processes	(4)	NO COMPARABLE COURSE		

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

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**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- 91 <u>&amp;</u> Survey of Art History: (3) Prehistoric Through Gothic
				ART- 92 Survey of Art History: (3) Renaissance to the Present
ARTHI 1C	Baroque to Modern Art	(4)		ART- 92 Survey of Art History: (3) Renaissance to the Present
				<u>OR</u>
ARTHI 1E	Islamic Art & Architecture	(4)		ART- 93 History of Modern Art (3)
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 10A	Master Authors	(2)		NO COMPARABLE COURSE
				NO COURSE ARTICULATED: College has not submitted course(s)for articulation

COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL- 86A Survey of English Literature I (3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ	(4)	HIST- 10A Development of Western Culture I (3)
HISTORY 4B	Western Civ	(4)	HIST- 10A & Development of Western Culture I (3) HIST- 10B Development of Western Culture II (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)	NO COMPARABLE COURSE
As of F17, title = Phil Classics: Ancient			
PHILOS 22	Hist Phil: Early Modern	(4)	NO COMPARABLE COURSE
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.**

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END OF MAJOR

**====Microbiology A.B.====**

**Special Advising Note:**

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

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

**REQUIREMENTS FOR ADMISSION:**

(for 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.

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

**AP and IB examination credit policies are detailed in the UC Davis 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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.

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**END OF MAJOR**

**====Microbiology B.S.====**

**Special Advising Note:**

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

Transfer students are strongly advised to complete as many preparatory courses as possible for 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.

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

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

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

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

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

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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
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				ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	ased Physics II
				Algebra/Trigonometry-B (4)
			PHYS- 2B	ased Physics I
				Algebra/Trigonometry-B (4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	ased Physics II
				Algebra/Trigonometry-B (4)
			PHYS- 2B	ased Physics I
				Algebra/Trigonometry-B (4)
				ased Physics II

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

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**RECOMMENDED:**

MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
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**END OF MAJOR**

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

**Special Advising Note:**

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

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

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

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

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

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

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**College Foreign Language Requirement Note:**

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

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

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

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HISTORY 6 Intro to Middle East (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
HISTORY 8 Indian Civilization (4) | NO COMPARABLE COURSE  
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**TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:**

ARABIC 1 Elementary Arabic (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
ARABIC 2 Elem Arabic (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
ARABIC 3 Elem Arabic (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation  
ARABIC 21 Intermed Arabic (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

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**

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  
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**OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.  
END OF MAJOR**



MUSIC 2B	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 2C	Keyboard Competence	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION**

MUSIC 6A	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6B	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 6C	Elementary Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 7A	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MUSIC 16A	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 16A-C THROUGH EXAMINATION**

MUSIC 17A	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION**

MUSIC 24A	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3)	NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3)	NO COMPARABLE COURSE

**END OF MAJOR**

**====Native American Studies A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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**ONE OR TWO COURSES FROM:**

N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE OR TWO COURSES FROM:**

AF-AMST 12	Intro Afro Studies	(4)	NO COMPARABLE COURSE
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AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social (3) and Cultural Anthropology
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)	ETH- 42 Asian Pacific American (3) (APA) Culture and Experience
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 COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 23	Qualitative Research Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in Environment	(3)	ENVIR- 10 Environmental Science (4)
<b>ENV S&amp;P 10 not open for credit to students who have completed ENV S&amp;P 1</b>			
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- 17A History of the United (3) States
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
<b>END OF MAJOR</b>			

====Natural Sciences B.S.====

**IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:**

The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

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**END OF MAJOR**

====Neurobiology, Physiology and Behavior B.S.====

**Special Advising Note:**

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

**REQUIREMENTS FOR ADMISSION:**

(for 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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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- 73	Multivariable Calculus	(5)
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END OF 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 a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer

admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#)** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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BIOLSCI 2A	Intro Biology: Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A <b>&amp;</b>	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)
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CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A <b>&amp;</b>	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A <b>&amp;</b>	Organic Chemistry	(5)
				CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>		
CHEM 128A	Organic Chemistry	(3)		CHEM- 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		CHEM- 12A <b>&amp;</b>	Organic Chemistry	(5)
				CHEM- 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)		CHEM- 12A	Organic Chemistry	(5)
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NUTR 10	Discoveries and Concepts	(3)		FCS- 19	Nutrition	(3)
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PSYCH 41	Research Methods	(4)		PSYCH- 18	Introduction to Research Methods	(3)
	<b>OR</b>			<b>OR</b>		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		

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**The remaining preparatory subject matter is based on which major option you choose:**

**NUTRITIONAL BIOLOGY OPTION:**

ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5						
	<b>OR</b>			<b>OR</b>		
PSYCH 1	General Psychology	(4)		PSYCH- 1	General Psychology	(3)
	<b>OR</b>			<b>OR</b>		
SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to	(3)

				Sociology	
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(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)	ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5					
	<b>OR</b>			<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
	<b>OR</b>			<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)
PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)

**LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:**

Agricultural and Health Policy Area:

AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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Cultural Diversity and Community Change Area:

AMR STD 55	Food in Amer Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	Same as: FD S&T 55				
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO 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 COURSE ARTICULATED: College has not submitted course(s) for articulation		
SCI&SOC 2	Feeding the Planet	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SCI&SOC 15	Aids & Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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.

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**Special Advising Note for future applicants:\***

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- Mathematics 21A/B/C/D
- Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- Physics 7A/B/C or Physics 9A/B/C
- Biological Sciences 2A
- Biological Sciences 2B or 2C
- Statistics 13 or 32

\*Information for future applicants is subject to change

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

	<b>OR</b>			<b>OR</b>	
PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)

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MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not		

MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not	
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not	
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology (5)
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology (5)
			BIOL- 4B	Organismal Biology and Biodiversity (5)
	<b>OR</b>			<b>OR</b>
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity (5)
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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y			
			<b>OR</b>	
			BUS- 60	Fundamentals of Business Statistics (3)
	<b>OR</b>			<b>OR</b>
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science			
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CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry (5)
			CHEM- 12B	Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry (5)
	<b>OR</b>			<b>OR</b>
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A &	Organic Chemistry (5)
			CHEM- 12B	Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM- 12A	Organic Chemistry (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM- 12A &	Organic Chemistry (5)
			CHEM- 12B	Organic Chemistry (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM- 12B	Organic Chemistry (5)

END OF MAJOR

====Philosophy A.B.====

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**GENERAL EMPHASIS:**

PHILOS 12 Intro to Symbol Logic (4)|NO COMPARABLE COURSE

**AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS**

**a. GENERAL PHILOSOPHY**

PHILOS 1	Intro to Philos	(4)		PHIL- 10	Introduction to Philosophy: Metaphysics and Epistemology	(3)
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**b. ANCIENT PHILOSOPHY**

PHILOS 21 Phil: Ancient (4)|NO COMPARABLE COURSE  
As of F17, title = Phil Classics: Ancient

**c. EARLY MODERN PHILOSOPHY**

PHILOS 22 Hist Phil: Early Modern (4)|NO COMPARABLE COURSE  
As of F17, title = Phil Classics: Modern

**d. PHILOSOPHY OF MIND**

PHILOS 13G Minds, Brains Comp (4) | NO COURSE ARTICULATED: College has not  
w/Disc | submitted course(s) for articulation

**e. ETHICS:**

c) PHILOS 14 Eth Soc Prob in Soc (4) | PHIL- 65 Introduction to Ethics (3)  
OR | OR  
PHILOS 15 Intro to Bioethics (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
OR | OR  
PHILOS 24 Intro to Ethics (4) | PHIL- 65 Introduction to Ethics (3)

**f. PHILOSOPHY OF SCIENCE**

PHILOS 30 Intro Philos of Sci (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
OR | OR  
PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE  
OR | OR  
PHILOS 32 Scientific Change (4) | NO COMPARABLE COURSE  
OR | OR  
PHILOS 38 Intro Philos of Biol (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation

**g. PHILOSOPHY OF LANGUAGE**

PHILOS 17 Language, Thought & (4) | NO COURSE ARTICULATED: College has not  
World | submitted course(s) for articulation

**PRE-LAW EMPHASIS**

**ONE COURSE FROM THE FOLLOWING:**

c) PHILOS 14 Eth Soc Prob in Soc (4) | PHIL- 65 Introduction to Ethics (3)  
PHILOS 15 Intro to Bioethics (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
PHILOS 16 Phil Foundations of Amer (4) | NO COURSE ARTICULATED: College has not  
Democ | submitted course(s) for articulation

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**ALL OF THE FOLLOWING COURSES:**

PHILOS 5 Critical Reasoning (4) | PHIL- 60 Logic and Critical (3)  
Thinking  
PHILOS 12 Intro to Symbol Logic (4) | NO COMPARABLE COURSE  
PHILOS 24 Intro to Ethics (4) | PHIL- 65 Introduction to Ethics (3)

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**PRE-MED EMPHASIS:**

**ONE COURSE FROM THE FOLLOWING:**

PHILOS 24 Intro to Ethics (4) | PHIL- 65 Introduction to Ethics (3)  
PHILOS 30 Intro Philos of Sci (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
PHILOS 31 Scientific Reason (4) | NO COMPARABLE COURSE  
PHILOS 32 Scientific Change (4) | NO COMPARABLE COURSE

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**ALL OF THE FOLLOWING COURSES:**

PHILOS 12 Intro to Symbol Logic (4) | NO COMPARABLE COURSE  
PHILOS 15 Intro to Bioethics (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
PHILOS 38 Intro Philos of Biol (4) | NO COURSE ARTICULATED: College has not  
submitted course(s) for articulation  
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**END OF MAJOR**

c) Students who complete PHIL- 65 at Evergreen Valley College will receive credit at UC Davis for PHILOS 14 or 24, not both

**====Physics A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Special Advising Note for future applicants:\***

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

\*Information for future applicants is subject to change

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

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PHYSICS 9A	Classical Physics	(5)	PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS- 4B &	General Physics	(5)
			PHYS- 4C	General Physics	(5)
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		
<hr/>					
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations	(4)
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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.

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**Special Advising Note for future applicants:\***

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- Mathematics 21A/B/C/D
- Mathematics 22A/B

\*Information for future applicants is subject to change

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

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PHYSICS 9A	Classical Physics	(5)		PHYS- 4A	General Physics	(5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B <u>&amp;</u>	General Physics	(5)
				PHYS- 4C	General Physics	(5)
PHYSICS 9C	Classical Physics	(5)		PHYS- 4B <u>&amp;</u>	General Physics	(5)
				PHYS- 4C	General Physics	(5)

PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
	<b>OR</b>			<b>OR</b>
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	
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MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus (5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH- 78	Differential Equations (4)
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ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development (3)
			<b>OR</b>	
			ENGR- 50	Introduction to Computing (4)

**As of F18, Course Number = ENG CS 36A  
Or equivalent programming course**

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PHYSICS 80 Experimental Techniques (4)  
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#### 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 & Astrophysics	(4)	NO COMPARABLE COURSE	
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ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures (4)

**As of F18, Course Number = ENG CS 36B**

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**END OF MAJOR**

#### ====Plant Biology A.B.====

#### **Special Advising Note:**

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

## **REQUIREMENTS FOR ADMISSION:**

(for 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.

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### **Special Note for Transfer Students Considering an A.B. Degree in this Major:**

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

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### **Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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### **Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.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)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)		BIOL- 4B	Organismal Biology and Biodiversity	(5)
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B	Organic Chemistry	(5)
<hr/>						
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y					
				<u>OR</u>		
				BUS- 60	Fundamentals of Business Statistics	(3)

**RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
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**END OF MAJOR**

**====Plant Biology B.S.====**

**Special Advising Note:**

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission.

Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

**REQUIREMENTS FOR ADMISSION:**

(for 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.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General**

**Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)

PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)

PHYSICS 7C	General Physics	(4)		PHYS- 2A &	Algebra/Trigonometry-B (4)
					ased Physics I
				PHYS- 2B	Algebra/Trigonometry-B (4)
					ased Physics II

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

**RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2)		NO COURSE ARTICULATED: College has not	
				submitted course(s) for articulation	
MATH 21C	Calculus	(4)		MATH- 73	Multivariable Calculus (5)

**END OF MAJOR**

**====Plant Sciences B.S.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) 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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**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.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)		BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)		BIOL- 4A &	General Principles and Cell Biology	(5)
				BIOL- 4B	Organismal Biology and Biodiversity	(5)
<hr/>						
PL SCI 2	Bot Physio Cul Plt	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>						
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A &	General Chemistry	(5)
				CHEM- 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B	General Chemistry	(5)
<hr/>						
CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B	Organic Chemistry	(5)
	<b>OR</b>			<b>OR</b>		
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A &	Organic Chemistry	(5)
				CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		CHEM- 12B	Organic Chemistry	(5)
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MATH 16A	Short Calculus	(3)		MATH- 71	Calculus I with	(5)

				Analytic Geometry
			<b>OR</b>	
			MATH- 62	Calculus for Business (3) and Social Science
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with (5) Analytic Geometry
			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
			<b>OR</b>	
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7C	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B	Algebra/Trigonometry-B (4) ased Physics II

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

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PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
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**COURSES FOR THE CROP PRODUCTION OPTION:**

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to (3) Microeconomic Theory
			<b>OR</b>	
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

**RECOMMENDED COURSES FOR THE MAJOR:**

ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE	
			<b>OR</b>	
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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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POL SCI 1 Amer Natl Govt (4) | POLSC- 1 Politics and (3)  
| Government in America

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**TWO COURSES FROM THE FOLLOWING:**

POL SCI 2 Intro Comp Politics (4) | NO COMPARABLE COURSE  
POL SCI 3 Internatl Relations (4) | NO COMPARABLE COURSE  
POL SCI 4 Bas Cnpt/Pol Thry (4) | NO COMPARABLE COURSE  
POL SCI 5 Probs/Am Pol Sys (4) | NO COMPARABLE COURSE  
POL SCI 7 Law & Politics (4) | NO COMPARABLE COURSE

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POL SCI 51 Scientific Study of (4) | NO COURSE ARTICULATED: College has not  
Politics | submitted course(s) for articulation

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STATIST 13 Elementary Statistics (4) | MATH- 63 Elementary Statistics (3)  
Same as: STATIST 13Y |  
| OR  
| BUS- 60 Fundamentals of (3)  
| Business Statistics

**END OF 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. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**THREE COURSES FROM THE FOLLOWING:**

POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and	(3)
					Government in America	
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)		NO COMPARABLE COURSE		
POL SCI 4	Bas Cnpt/Pol Thry	(4)		NO COMPARABLE COURSE		

**ONE COURSE FROM THE FOLLOWING:**

**Note: Courses listed twice may be used only once for major preparation**

POL SCI 1	Amer Natl Govt	(4)		POLSC- 1	Politics and	(3)
					Government in America	
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)		NO COMPARABLE COURSE		

POL SCI 4	Bas Cnpt/Pol Thry	(4)		NO COMPARABLE COURSE	
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)			
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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- 63	Elementary Statistics (3)
	Same as: STATIST 13Y				
				<u>OR</u>	
				BUS- 60	Fundamentals of Business Statistics (3)
				<u>OR</u>	
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
	As of F18, title = Gateway to Data Science				

**END OF MAJOR**

**====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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH- 18	Introduction to Research Methods	(3)
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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
Same as: STATIST 13Y					
			<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)

**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOL- 21	General Biology	(4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		
<u>OR</u>			<u>OR</u>		
MOL&CB 10	Intro Human Heredity	(4)	BIOL- 61	Human Heredity	(3)
<u>OR</u>			<u>OR</u>		
NE PH B 10	Elem Human Physio	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation		

**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



PSYCH 41	Research Methods	(4)	PSYCH- 18	Introduction to Research Methods	(3)
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y		<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<u>OR</u>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(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		
			<u>OR</u>		
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
			<u>OR</u>		
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
			<u>OR</u>		
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B based Physics I	(4)
			PHYS- 2B	Algebra/Trigonometry-B based 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)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)

	<b>OR</b>			<b>OR</b>	
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A	Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A <u>&amp;</u>	Organic Chemistry (5)
				CHEM- 12B	Organic Chemistry (5)
	<b>OR</b>			<b>OR</b>	
CHEM 128A	Organic Chemistry	(3)		CHEM- 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM- 12A <u>&amp;</u>	Organic Chemistry (5)
				CHEM- 12B	Organic Chemistry (5)

**END OF MAJOR**

**====Psychology B.S. (Quantitative)====**

**Special Advising Note:**

**REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;  
 Statistics 13;  
 One of these two options:  
 Biological Sciences 2A  
or  
 Biological Sciences 10 and one course from:  
 Anthropology 1 or  
 Molecular and Cellular Biology 10 or  
 Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to

enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
PSYCH 41	Research Methods	(4)	PSYCH- 18	Introduction to Research Methods	(3)
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STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
Same as: STATIST 13Y			<u>OR</u>		
			BUS- 60	Fundamentals of Business Statistics	(3)
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MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
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ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)
<hr/>					
<b>As of F18, Course Number = ENG CS 36A</b>					
			<u>OR</u>		
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language

**deficiencies.**

CHEM 10	Concept of Chem	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & General Chemistry (5)
			CHEM- 1B General Chemistry (5)
	<b>OR</b>		<b>OR</b>
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

PHYSICS 10	Topics,Nonscientists	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	<b>OR</b>		<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) ased Physics II
PHYSICS 7B	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B (4) ased Physics I
			PHYS- 2B Algebra/Trigonometry-B (4) ased Physics II

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A General Principles and Cell Biology (5)
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**OR A COMBINATION OF**

BIOLSCI 10	Everyday Biology	(4)	BIOL- 21 General Biology (4)
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**AND ONE COURSE FROM**

ANTHRO 1	Human Evol Biol	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	<b>OR</b>		<b>OR</b>
MOL&CB 10	Intro Human Heredity	(4)	BIOL- 61 Human Heredity (3)
	<b>OR</b>		<b>OR</b>
NE PH B 10	Elem Human Physio	(3)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

**END OF MAJOR**

**====Religious Studies A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**ONE COURSE FROM THE FOLLOWING:**

REL STD 1	Survey of Religion	(4)	PHIL- 70	Religion: The Live Hypothesis	(3)
REL STD 1A	Pilgrimage	(4)		NO COMPARABLE COURSE	
REL STD 1B	Death and Afterlife	(4)		NO COMPARABLE COURSE	
REL STD 1C	Sacrifice	(4)		NO COMPARABLE COURSE	
REL STD 1D	Conversion	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1E	Fundamentalism	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1F	Religion Today	(4)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
REL STD 1G	Myth Ritual Symbol	(4)		NO COMPARABLE COURSE	
REL STD 1H	Sex, Marriage, Divorce	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	
REL STD 1J	Music, Voice, Word	(4)		NO COURSE ARTICULATED: College has not submitted course(s)for articulation	

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**FOUR COURSES FROM THE FOLLOWING:**

REL STD 10	Contemporary Ethical Issues	(2)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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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](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.**

RUSSIAN 1	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)		NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4)		NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4)		NO COMPARABLE COURSE

**END OF MAJOR**

**====Science & Technology Studies A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE.

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 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 COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**8 QUARTER UNITS FROM THE FOLLOWING:**

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 2	Feeding the Planet	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 3	Sci,Tech&Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&TEC 32	Drugs, Science and Culture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
Same as:	ANTHRO 32		

**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

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

-----  
**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to Sociology	(3)
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SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		

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**ONE COURSE FROM THE FOLLOWING:**

SOCIOL 2	Self and Society	(4)		NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)		SOC- 11	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)		NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		

SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ONE COURSE FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63 Introduction to Social and 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- 10A Development of Western Culture I (3)
HISTORY 4B	Western Civ	(4)	HIST- 10A & Development of Western Culture I (3)
			HIST- 10B Development of Western Culture II (3)
HISTORY 4C	Western Civ	(4)	HIST- 10B Development of Western Culture II (3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	HIST- 3B World History from 1500 (3)
HISTORY 15	Intro African Hist Course discontinued as of S18	(4)	NO COMPARABLE COURSE
HISTORY 17A	U.S. History	(4)	HIST- 17A History of the United States (3)
HISTORY 17B	U.S. History	(4)	HIST- 17B History of the United States (3)

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**ONE COURSE FROM THE FOLLOWING:**

PHILOS 5	Critical Reasoning	(4)	PHIL- 60 Logic and Critical Thinking (3)
c) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL- 65 Introduction to Ethics (3)
PHILOS 24	Intro to Ethics	(4)	PHIL- 65 Introduction to Ethics (3)

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**END OF MAJOR**

c) Students who complete PHIL- 65 at Evergreen Valley College will receive credit at UC Davis for PHILOS 14 or 24, not both

====Sociology A.B. (Comparative Studies and World Development)====  
**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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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.

SOCIOL 1	Intro Sociology	(5)		SOC- 10	Introduction to Sociology	(3)
SOCIOL 5	Global Soc Change	(4)		NO COMPARABLE COURSE		
SOCIOL 46A	Intro Social Rsch	(4)		NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>		
SOCIOL 46B	Intro Social Rsch	(5)		NO COMPARABLE COURSE		
ECON 1B	Princ of Macroecon	(4)		ECON- 10A	Principles of Macroeconomic Theory	(3)
ANTHRO 2	Cultural Anthropology	(4)		ANTH- 63	Introduction to Social and Cultural Anthropology	(3)

As of W17, units=5

	<b>OR</b>				<b>OR</b>
ANTHRO 20	Comparative Cultures	(4)		NO COMPARABLE COURSE	
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HISTORY 10C	World History III	(4)		HIST- 3B World History from 1500	(3)
	<b>OR</b>				<b>OR</b>
POL SCI 2	Intro Comp Politics	(4)		NO COMPARABLE COURSE	
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**Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).**

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18**

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5					
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE		
POL SCI 1	Amer Natl Govt	(4)	POLSC- 1	Politics and Government in America	(3)
POL SCI 3	Internatl Relations	(4)	NO COMPARABLE COURSE		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE		

**4 QUARTER UNITS FROM THE FOLLOWING:**

HISTORY 4A	Western Civ	(4)	HIST- 10A	Development of Western Culture I	(3)
HISTORY 4B	Western Civ	(4)	HIST- 10A &	Development of Western Culture I	(3)
			HIST- 10B	Development of Western Culture II	(3)
HISTORY 4C	Western Civ	(4)	HIST- 10B	Development of Western Culture II	(3)
HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HISTORY 7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation	
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE		
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE		
HISTORY 10C	World History III	(4)	HIST- 3B	World History from 1500	(3)
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE		
Course discontinued as of S18					
HISTORY 17A	U.S. History	(4)	HIST- 17A	History of the United States	(3)
HISTORY 17B	U.S. History	(4)	HIST- 17B	History of the United States	(3)
PHILOS 5	Critical Reasoning	(4)	PHIL- 60	Logic and Critical Thinking	(3)



Sociology

SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE	
	<b>OR</b>			<b>OR</b>
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems (3)
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE	
	<b>AND</b>			<b>AND</b>
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology (3)

**6-8 QUARTER UNITS FROM THE FOLLOWING:**

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE	
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	ETH- 42	Asian Pacific American (3) (APA) Culture and Experience
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)	ETH- 30	Chicana/o Culture (3)
N A STD 1	Intro NA Studies	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
N A STD 10	NA Experience	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED:	College has not submitted course(s) for articulation

**END OF MAJOR**

**====Sociology-Organizational Studies A.B.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog** . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
	<b>AND</b>			<b>AND</b>	
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE		
	<b>AND</b>			<b>AND</b>	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE		
ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
	<b>AND</b>			<b>AND</b>	
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)

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**END OF MAJOR**

====Spanish A.B.====

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

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**College Foreign Language Requirement Note:**

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SPANISH 1	Elementary Spanish	(5)		SPAN- 1A	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)		SPAN- 1A &	Elementary Spanish	(5)
				SPAN- 1B	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5)		SPAN- 1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)		SPAN- 2A	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)		SPAN- 2B	Intensive Intermediate	(5)
					Spanish	
SPANISH 23	Span Comp I	(4)		NO COMPARABLE COURSE		
SPANISH 24	Span Comp II	(4)		NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>		
SPANISH 31	Int Span Nat Spk I	(5)		NO COMPARABLE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)		NO COMPARABLE COURSE		
SPANISH 33	Int Span Nat Spk III	(5)		NO COMPARABLE COURSE		

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It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

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LINGUIS 1	Intro Linguistics	(4)		NO COMPARABLE COURSE
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END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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**College Foreign Language Requirement Note:**

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MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<u>OR</u>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<u>OR</u>		<u>OR</u>		
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	

MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus (5)
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MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra (3)
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ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures (4)
	<b>OR</b>			<b>OR</b>
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development (3)
			<b>OR</b>	
			ENGR- 50	Introduction to Computing (4)
<b>As of F18, Course Number = ENG CS 36A</b>				
	<b>OR</b>			<b>OR</b>
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures (4)
<b>As of F18, Course Number = ENG CS 36B</b>				

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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STATIST 32 Stat Anlys Thru Comp (4) | NO COMPARABLE COURSE  
 As of F18, title = Gateway to Data Science

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**END OF MAJOR**

**====Statistics B.S. (Applied Statistics Option)====**

**Special Advising Note:**

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**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- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)
	<b>OR</b>			<b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
MATH 21A	Calculus	(4)	MATH- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)

**NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED**

MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)
	<b>As of F18, Course Number = ENG CS 36A</b>				
	<b>OR</b>			<b>OR</b>	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)

**As of F18, Course Number = ENG CS 36B**

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students,

upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)		NO COMPARABLE COURSE	
STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics (3)
Same as: STATIST 13Y				<b>OR</b>	
				BUS- 60	Fundamentals of (3)
					Business Statistics
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE	
As of F18, title = Gateway to Data Science					

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**PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.**

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)

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ENG CS 60 Data Structures & Programming (4) NO COMPARABLE COURSE

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.

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**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<u>OR</u>		
			BUS- 60	Fundamentals of	(3)
				Business Statistics	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
	As of F18, title = Gateway to Data Science				

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**END OF MAJOR**

**====Statistics B.S. (General Statistics Option)====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

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MATH 21A	Calculus	(4)	MATH- 71	Calculus I with	(5)
				Analytic Geometry	
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with	(5)
				Analytic Geometry	
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
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MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
	<b>OR</b>			<b>OR</b>	
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
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MATH 25	Advanced Calculus	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
<hr/>					
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)
<hr/>					
<b>As of F18, Course Number = ENG CS 36A</b>					
	<b>OR</b>			<b>OR</b>	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
<hr/>					
<b>As of F18, Course Number = ENG CS 36B</b>					

**Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.**

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**AND ONE COURSE FROM**

STATIST 12	Discrete Probabil	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
			<b>OR</b>		
			BUS- 60	Fundamentals of Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

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**====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- 71	Calculus I with Analytic Geometry	(5)
MATH 21B	Calculus	(4)	MATH- 72	Calculus II with Analytic Geometry	(5)
MATH 21C	Calculus	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 21D	Vector Analysis	(4)	MATH- 73	Multivariable Calculus	(5)
MATH 22A	Linear Algebra	(3)	MATH- 79	Linear Algebra	(3)
<hr/>					
ENG CS 10	Intro to Programming	(4)	COMSC- 75	Computer Science I: Introduction to Program Structures	(4)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

**As of F18, Course Number = ENG CS 36A**

	<b>OR</b>		<b>OR</b>	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)		COMSC- 76
				Computer Science II: (4)
				Introduction to Data
				Structures

As of F18, Course Number = ENG CS 36B

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STATIST 13	Elementary Statistics	(4)		MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y					

<b>OR</b>		<b>OR</b>
	BUS- 60	Fundamentals of (3)
		Business Statistics

<b>OR</b>		<b>OR</b>		
STATIST 32	Stat Anlys Thru Comp	(4)		NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science				

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression

OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 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- 20	Oral Communication	(3)
PL SCI 15	Intro Sustainable Agriculture	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
CM&RGDE 20	Food Systems	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
PL PATH 40	Edible Mushroom Cult	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
	<b>OR</b>			<b>OR</b>	
PL SCI 49	Org Crop Prod Prac	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**Select one of the following courses:**

AN SCI 41L	Domest An Prod Lab	(2)	NO COMPARABLE COURSE		
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not		

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

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ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:**

**TRACK I: AGRICULTURE AND ECOLOGY**

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(5)

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CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)

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PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
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BIOLSCI 2A	Intro Biology: Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)

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PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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AN SCI 1	Domest Ani & People	(4)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>

AN SCI 2	Intro Animal Sci	(4)	NO COMPARABLE COURSE
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FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
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ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
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CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
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c) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL- 65	Introduction to Ethics	(3)
	<b>OR</b>		<b>OR</b>		

PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	<b>OR</b>		<b>OR</b>

PHILOS 24	Intro to Ethics	(4)	PHIL- 65	Introduction to Ethics	(3)
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ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
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As of W17, units=5

	<b>OR</b>			<b>OR</b>
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE	
	<b>OR</b>		<b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology (3)
	<b>OR</b>		<b>OR</b>	
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems (3)

**TRACK II: FOOD AND SOCIETY**

PHILOS 5	Critical Reasoning	(4)	PHIL- 60	Logic and Critical Thinking (3)
	<b>OR</b>		<b>OR</b>	
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE	

c) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL- 65	Introduction to Ethics (3)
	<b>OR</b>		<b>OR</b>	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>		<b>OR</b>	
PHILOS 24	Intro to Ethics	(4)	PHIL- 65	Introduction to Ethics (3)

SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	<b>OR</b>		<b>OR</b>	
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics (3)
	Same as: STATIST 13Y		<b>OR</b>	
			BUS- 60	Fundamentals of Business Statistics (3)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry (5)
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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology (5)
	<b>OR</b>		<b>OR</b>	
BIOLSCI 10	Everyday Biology	(4)	BIOL- 21	General Biology (4)

PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology (5)
			BIOL- 4B	Organismal Biology and Biodiversity (5)

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	
	<b>OR</b>		<b>OR</b>	

ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE	
	Same as: ENV SC&M 30			

W&F BIO 10	Wildl Ecol Conserve	(4)	BIOL- 65	Wildlife Biology (3)
	<b>OR</b>		<b>OR</b>	

W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
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FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE	
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SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	
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ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory (3)
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POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social (3) and Cultural Anthropology
As of W17, units=5				
	<b>OR</b>			<b>OR</b>
SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to (3) Sociology
	<b>OR</b>			<b>OR</b>
SOCIOL 3	Social Problems	(4)	SOC- 11	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- 71	Calculus I with (5) Analytic Geometry
			<b>OR</b>	
			MATH- 62	Calculus for Business (3) and Social Science
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with (5) Analytic Geometry
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	<b>OR</b>			<b>OR</b>
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics (3)
Same as: STATIST 13Y				
			<b>OR</b>	
			BUS- 60	Fundamentals of (3) Business Statistics
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and (5) Cell Biology
	<b>OR</b>			<b>OR</b>
BIOLSCI 10	Everyday Biology	(4)	BIOL- 21	General Biology (4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and (5) Cell Biology
	<b>OR</b>		BIOL- 4B	Organismal Biology and (5) Biodiversity
	<b>OR</b>			<b>OR</b>
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE	
	<b>OR</b>			<b>OR</b>
ENV S&P 30	Global Ecosystem	(3)	NO COMPARABLE COURSE	
Same as: ENV SC&M 30				
	<b>OR</b>			<b>OR</b>
W&F BIO 10	Wildl Ecol Conserve	(4)	BIOL- 65	Wildlife Biology (3)
	<b>OR</b>			<b>OR</b>
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE	
SOILSCI 10	Soils in Our Environment	(3)	NO COMPARABLE COURSE	

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5					
OR			OR		
SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
OR			OR		
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE		
c) PHILOS 14	Eth Soc Prob in Soc	(4)	PHIL- 65	Introduction to Ethics	(3)
OR			OR		
PHILOS 15	Intro to Bioethics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
OR			OR		
PHILOS 24	Intro to Ethics	(4)	PHIL- 65	Introduction to Ethics	(3)

**END OF MAJOR**

c) Students who complete PHIL- 65 at Evergreen Valley College will receive credit at UC Davis for PHILOS 14 or 24, not both

**====Sustainable Environmental Design B.S.====**

**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
<hr/>					
ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
	<b>OR</b>			<b>OR</b>	
UWRITING 18	Style in the Essay	(4)	NO COMPARABLE COURSE		
As of F17, Course Number = UWRITING 48					
	<b>OR</b>			<b>OR</b>	
UWRITING 19	Wrtg Research Papers	(4)	ENGL- 1C	Critical Thinking/Composition	(3)
As of F17, Course Number = UWRITING 49					

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)

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**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- 63	Elementary Statistics	(3)
Same as: STATIST 13Y					
<b>OR</b>					
			BUS- 60	Fundamentals of Business Statistics	(3)
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARABLE COURSE		
As of F18, title = Gateway to Data Science					

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**ONE COURSE FROM THE FOLLOWING:**

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)

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**ONE COURSE FROM THE FOLLOWING:**

POL SCI 1	Amer Natl Govt	(4)	POLSC- 1	Politics and Government in America	(3)
POL SCI 2	Intro Comp Politics	(4)	NO COMPARABLE COURSE		
POL SCI 3	Internatl Relations	(4)	NO COMPARABLE COURSE		
POL SCI 4	Bas Cnpt/Pol Thry	(4)	NO COMPARABLE COURSE		
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 submitted course(s)for articulation					
SOCIOL 12Y					
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

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**ONE COURSE FROM THE FOLLOWING:**

SOCIOL 1	Intro Sociology	(5)	SOC- 10	Introduction to Sociology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
SOCIOL 3	Social Problems	(4)	SOC- 11	Social Problems	(3)
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COMPARABLE COURSE		
SOCIOL 5	Global Soc Change	(4)	NO COMPARABLE COURSE		
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE		
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not		

SOCIOL 30B	Multicultural Societies	(3)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE

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**AND ONE COURSE IN A PHYSICAL SCIENCE**  
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**ALL OF THE FOLLOWING COURSES:**

LND ARC 1	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 2	Place,Culture,Community	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 21	Design Visualization	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

As of F17, units = 4

As of F17, title = Land Rep I

LND ARC 30	History Environ Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 50	Site Ecology	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
LND ARC 70	Introduction to Spacemaking	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

As of F17, units = 4  
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**END OF MAJOR**

**====Textiles and Clothing B.S. (Marketing/Economics)====**

**IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:**

**The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.**  
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**Special Advising Note:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](http://ucdavis.edu/transfer) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.  
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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.  
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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for

students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

**Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the [UC Davis 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 COURSE ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>
B) ENG CS 15	Intro to Computers	(4)	CIT- 10	Computer and Information Technology (3)
	<b>OR</b>			<b>OR</b>
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development (3)
			<b>OR</b>	
			ENGR- 50	Introduction to (4)

As of F18, Course Number = ENG CS 36A

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to	(3)
				Microeconomic Theory	
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of	(3)
				Macroeconomic Theory	

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social	(3)
				and Cultural	
				Anthropology	
As of W17, units=5					
<b>OR</b>			<b>OR</b>		
SCI&SOC 1	Critical Inquiry into	(4)	NO COURSE	ARTICULATED: College has not	
	Contemporary Issues		submitted	course(s) for articulation	
<b>OR</b>			<b>OR</b>		
ARTHI 1A	Ancient Mediterranean Art	(4)	ART- 91	Survey of Art History:	(3)
				Prehistoric Through	
				Gothic	
<b>OR</b>			<b>OR</b>		
ARTHI 1B	Mediev&Renaiss Art	(4)	ART- 91 &	Survey of Art History:	(3)
				Prehistoric Through	
				Gothic	
			ART- 92	Survey of Art History:	(3)
				Renaissance to the	
				Present	
<b>OR</b>			<b>OR</b>		
ARTHI 1C	Baroque to Modern Art	(4)	ART- 92	Survey of Art History:	(3)
				Renaissance to the	
				Present	
<b>OR</b>			<b>OR</b>		
			ART- 93	History of Modern Art	(3)
<b>OR</b>			<b>OR</b>		
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
<b>OR</b>			<b>OR</b>		
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
	Same as: STATIST 13Y				
<b>OR</b>			<b>OR</b>		
			BUS- 60	Fundamentals of	(3)
				Business Statistics	
TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE		
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not		
			submitted	course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE		

MGMT 11A	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MGMT 11B	Elem Accounting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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CHEM 10	Concept of Chem <b>OR</b>	(4)	NO COMPARABLE COURSE <b>OR</b>
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
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MATH 16A	Short Calculus	(3)	MATH- 71 Calculus I with Analytic Geometry (5)
			<b>OR</b>
			MATH- 62 Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (5)
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**RESTRICTED ELECTIVES (12 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	BUS- 71 Legal Environment of Business (3)
DESIGN 77	Intro to Fashion Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 16C	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (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:**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

<http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

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PL SCI 21	Computers in Technology	(3)		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR			OR

B) ENG CS 15	Intro to Computers	(4)	CIT- 10	Computer and Information Technology	(3)
	<b>OR</b>			<b>OR</b>	
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<b>OR</b>		
			ENGR- 50	Introduction to Computing	(4)

As of F18, Course Number = ENG CS 36A

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A	Princ of Microecon	(4)	ECON- 10B	Introduction to Microeconomic Theory	(3)
ECON 1B	Princ of Macroecon	(4)	ECON- 10A	Principles of Macroeconomic Theory	(3)

**4 QUARTER UNITS FROM THE FOLLOWING:**

ANTHRO 2	Cultural Anthropology	(4)	ANTH- 63	Introduction to Social and Cultural Anthropology	(3)
As of W17, units=5					
	<b>OR</b>			<b>OR</b>	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation	
	<b>OR</b>			<b>OR</b>	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART- 91	Survey of Art History: Prehistoric Through Gothic	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART- 91 &	Survey of Art History: Prehistoric Through Gothic	(3)
			ART- 92	Survey of Art History: Renaissance to the Present	(3)
	<b>OR</b>			<b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ART- 92	Survey of Art History: Renaissance to the Present	(3)
			<b>OR</b>		
	<b>OR</b>		ART- 93	History of Modern Art	(3)
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE		

**ALL OF THE FOLLOWING COURSES:**

PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE		
	<b>OR</b>			<b>OR</b>	
PHYSICS 10	Topics,Nonscientists	(4)	NO COMPARABLE COURSE		
PSYCH 1	General Psychology	(4)	PSYCH- 1	General Psychology	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH- 63	Elementary Statistics	(3)
Same as: STATIST 13Y			<b>OR</b>		
			BUS- 60	Fundamentals of	(3)

Business Statistics

TEX&CL 6	Intro Textiles	(4)	NO COMPARABLE COURSE	
TEX&CL 7	Style & Cult Std	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & CHEM- 1B	General Chemistry (5) General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry (5)
			<u>OR</u>	
			MATH- 62	Calculus for Business and Social Science (3)

**RESTRICTED ELECTIVES (16 QUARTER UNITS):**

AGRESEC 18	Business Law	(4)	BUS- 71	Legal Environment of Business (3)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry (5)
CHEM 128A	Organic Chemistry	(3)	CHEM- 12A	Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)	CHEM- 12A & CHEM- 12B	Organic Chemistry (5) Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	CHEM- 12B	Organic Chemistry (5)
DESIGN 77	Intro to Fashion Design	(4)	NO COURSE	ARTICULATED: College has not submitted course(s) for articulation
MGMT 11A	Elem Accounting	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation
MGMT 11B	Elem Accounting	(4)	NO COURSE	ARTICULATED: College has not submitted course(s)for articulation
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry (5)
MATH 16C	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry (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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College Foreign Language Requirement Note:**

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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**NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.**

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**SELECT 4 UNITS FROM THE FOLLOWING:**

DRAMART 21A	Fundamentals of Act	(4)	NO COMPARABLE COURSE
DRAMART 40A	Beg Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 40B	Int Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 42A	Beg Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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**ALL OF THE FOLLOWING COURSES:**

DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not

DRAMART 56A	Hist Theatre Dance I	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
DRAMART 56B	Hist Theatre Dance II	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
DRAMART 56C	Hist Theatre Dance III	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not

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**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.

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**Transfer Admission Guarantee (TAG) Note:**

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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**Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:**

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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**College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:**

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1\*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

**AP and IB examination credit policies are detailed in the UC Davis 2016-18 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.**

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BIOLSCI 2A Intro Biology:Life on (5)|BIOL- 4A General Principles and (5)

Earth		Cell Biology	
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM- 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A & General Chemistry (5)
			CHEM- 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM- 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B Organic Chemistry (5)
PL SCI 21	Computers in Technology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

**OR EQUIVALENT AND advisor APPROVAL**

MATH 16A	Short Calculus	(3)	MATH- 71 Calculus I with Analytic Geometry (5)
			<u>OR</u>
			MATH- 62 Calculus for Business and Social Science (3)
MATH 16B	Short Calculus	(3)	MATH- 72 Calculus II with Analytic Geometry (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
	<b>AND</b>		<b>AND</b>
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
	<b>OR</b>		<b>OR</b>
PHYSICS 7A	General Physics	(4)	PHYS- 2A & Algebra/Trigonometry-B based Physics I (4)
			PHYS- 2B Algebra/Trigonometry-B based 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.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

\*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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**Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:**

AP and IB examination credit policies are detailed in the UC Davis 2016-18

[General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

UWRITING 1	Expository Writing	(4)	ENGL- 1A	English Composition	(3)
	<b>AND</b>			<b>AND</b>	
COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
	<b>OR</b>			<b>OR</b>	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal Communication	(3)
	<b>OR</b>			<b>OR</b>	
DRAMART 10	Intro To Acting	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A &	General Principles and Cell Biology	(5)
			BIOL- 4B	Organismal Biology and Biodiversity	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)

CHEM 2A	Genl Chemistry	(5)	CHEM- 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM- 1A &	General Chemistry	(5)
			CHEM- 1B	General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM- 12A	Organic Chemistry	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM- 12B	Organic Chemistry	(5)

MATH 16A	Short Calculus	(3)	MATH- 71	Calculus I with Analytic Geometry	(5)
			<b>OR</b>		
			MATH- 62	Calculus for Business and Social Science	(3)
MATH 16B	Short Calculus	(3)	MATH- 72	Calculus II with Analytic Geometry	(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)	BIOL- 65	Wildlife Biology	(3)
W&F BIO 50	Calif Wild Vertebrates	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		

**RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:**

CHEM 2C	Genl Chemistry	(5)	CHEM- 1B	General Chemistry	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM- 12A	Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM- 12A &	Organic Chemistry	(5)
			CHEM- 12B	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM- 12B	Organic Chemistry	(5)
PHYSICS 7A	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B	(4)
				ased Physics II	
PHYSICS 7B	General Physics	(4)	PHYS- 2A &	Algebra/Trigonometry-B	(4)
				ased Physics I	
			PHYS- 2B	Algebra/Trigonometry-B	(4)

PHYSICS 7C	General Physics	(4)		PHYS- 2A	&	used Physics II Algebra/Trigonometry-B (4)
				PHYS- 2B		used Physics I Algebra/Trigonometry-B (4) used Physics II

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- 71		Calculus I with Analytic Geometry (5)
MATH 21B	Calculus	(4)		MATH- 72		Calculus II with Analytic Geometry (5)
MATH 21C	Calculus	(4)		MATH- 73		Multivariable Calculus (5)
MATH 21D	Vector Analysis	(4)		MATH- 73		Multivariable Calculus (5)
MATH 22A	Linear Algebra	(3)		MATH- 79		Linear Algebra (3)
MATH 22B	Differntl Equations	(3)		MATH- 78		Differential Equations (4)
CHEM 2A	Genl Chemistry	(5)		CHEM- 1A		General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)		CHEM- 1A	&	General Chemistry (5)
				CHEM- 1B		General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)		CHEM- 1B		General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)		CHEM- 12A		Organic Chemistry (5)
CHEM 8B	Organic Chem-Brief	(4)		CHEM- 12B		Organic Chemistry (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)		CHEM- 12A		Organic Chemistry (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		CHEM- 12A	&	Organic Chemistry (5)
				CHEM- 12B		Organic Chemistry (5)
CHEM 128A	Organic Chemistry	(3)		CHEM- 12A		Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		CHEM- 12A	&	Organic Chemistry (5)
				CHEM- 12B		Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)		CHEM- 12A		Organic Chemistry (5)
PHYSICS 9A	Classical Physics	(5)		PHYS- 4A		General Physics (5)
PHYSICS 9B	Classical Physics	(5)		PHYS- 4B	&	General Physics (5)
				PHYS- 4C		General Physics (5)

PHYSICS 9C	Classical Physics	(5)	PHYS- 4B & PHYS- 4C	General Physics General Physics	(5) (5)
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)	ENGR- 18	Engineering Design and Graphics	(3)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARABLE COURSE		
a) ENGIN 17	Circuits I	(4)	ENGR- 71	Introduction to Circuit Analysis	(4)
a) ENGIN 35	Statics	(4)	ENGR- 69	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGR- 66	Properties of Materials	(3)
ENG CS 20	C Sci/Discrete Math	(4)	COMSC- 72	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	CIT- 20	Program Design and Development	(3)
			<u>OR</u>		
			ENGR- 50	Introduction to Computing	(4)
<b>As of F18, Course Number = ENG CS 36A</b>					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC- 76	Computer Science II: Introduction to Data Structures	(4)
<b>As of F18, Course Number = ENG CS 36B</b>					
ENG CS 50	Machine Dependent Prog	(4)	NO COMPARABLE COURSE		
ENG CS 60	Data Structures & Programming	(4)	NO COMPARABLE COURSE		
<b>As of F18, Course Number = ENG CS 36C</b>					
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- 1A	English Composition	(3)
ENGLISH 3	Intro to Lit	(4)	ENGL- 1B	English Composition	(3)
COMUNCN 1	Intro Public Spkg	(4)	COMS- 20	Oral Communication	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS- 10	Interpersonal	(3)

Communication

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL- 4A	General Principles and Cell Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL- 4A & BIOL- 4B	General Principles and Cell Biology Organismal Biology and Biodiversity	(5) (5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL- 4B	Organismal Biology and Biodiversity	(5)
GEOLOGY 50	Physical Geology	(3)	NO COMPARABLE COURSE		
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE		

**END OF MAJOR**

a) **This articulation is approved for engineering majors.**