18-19 General Catalog Quarter | 18-19 General Catalog Semester

Articulation Guide by Major

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

Effective during the 18-19 Academic Year

#### Special Advising Note:

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

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#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

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#### Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the

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

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

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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END OF MAJOR

# ====African American and African Studies A.B.==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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#### 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 AF-AMST 17	Intro Afro Amer Hum Women in Africa		NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies		NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 	Introduction to Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 102	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POLS 100	American Political Institutions	(3)
			OR		
			POLS 101 	Introduction to the Government of the	(3)
				United States	
POL SCI 2	Intro Comp Politics	(4)	POLS 102 	Comparative Political Systems	(3)
PSYCH 1	General Psychology	(4)	PSY 110 	Introduction to Psychology	(3)

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 10 Intro to Chic Std (4) NO COMPARABLE COURSE N A STD 1 Intro NA Studies (4) ETST 151 Native American (3) History N A STD 10 NA Experience (4) NO COMPARABLE COURSE AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation A A STD 1 Hist Exp Asian Am (4) NO COMPARABLE COURSE A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE Americans WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED HISTORY 15B Africa Today (4) NO COURSE ARTICULATED HISTORY 17A U.S. History (4) HIST 117 History of the United (3) States I HISTORY 17B U.S. History (4) HIST 118 History of the United (3) States II
N A STD 10 NA Experience (4) NO COMPARABLE COURSE  AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  A A STD 1 Hist Exp Asian Am (4) NO COMPARABLE COURSE  A A STD 2 Contemp Issues of Asian Americans  WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED  HISTORY 15B Africa Today (4) NO COURSE ARTICULATED  HISTORY 17A U.S. History (4) HIST 117 History of the United (3)  States I  HISTORY 17B U.S. History (4) HIST 118 History of the United (3)  States II
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AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  A A STD 1 Hist Exp Asian Am (4) NO COMPARABLE COURSE  A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE  Americans  WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED  HISTORY 15B Africa Today (4) NO COURSE ARTICULATED  HISTORY 17A U.S. History (4) HIST 117 History of the United (3)  States I  HISTORY 17B U.S. History (4) HIST 118 History of the United (3)  States II
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A A STD 2 Contemp Issues of Asian (4) NO COMPARABLE COURSE Americans  WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED HISTORY 15B Africa Today (4) NO COURSE ARTICULATED HISTORY 17A U.S. History (4) HIST 117 History of the United (3) States I  HISTORY 17B U.S. History (4) HIST 118 History of the United (3) States II
Americans  WOM STD 50  Intro Gender Studies  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 HISTORY 15B Africa Today HISTORY 17A U.S. History HISTORY 17B U.S. History  HISTORY 17B U.S. History  Americans  (4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED HISTORY 17A U.S. History (4) HIST 117 History of the United (3) States I HISTORY 17B U.S. History (4) HIST 118 History of the United (3) States II
WOM STD 50 Intro Gender Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  TWO COURSES FROM THE FOLLOWING:  HISTORY 15A Africa to 1900 (4) NO COURSE ARTICULATED HISTORY 15B Africa Today (4) NO COURSE ARTICULATED HISTORY 17A U.S. History (4) HIST 117 History of the United (3)  States I  HISTORY 17B U.S. History (4) HIST 118 History of the United (3)  States II
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HISTORY 17B U.S. History (4) HIST 118 History of the United (3) States II
HISTORY 17B U.S. History (4) HIST 118 History of the United (3) States II
States II
4 QUARTER UNITS FROM THE FOLLOWING:
AF-AMST 16 African Verbal Arts (4) NO COMPARABLE COURSE
AF-AMST 51 History Af-Amr Dance (4) NO COMPARABLE COURSE
DRAMART 41A Beg Jazz Dance (2) NO COMPARABLE COURSE
DRAMART 41B Inter Jazz Dance (2) NO COMPARABLE COURSE
DRAMART 44A Beg Hip Hop Dance (2-4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
DRAMART 44B Inter Hip Hop Dance (2-4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
MUSIC 28 Introduction to African (4) NO COMPARABLE COURSE
American Music

#### 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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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#### Education(GE) Note:

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

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

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

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

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

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

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

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

HISTORY 17	A U.S. History	(4)   H	IST 117	History of the United States I	(3)
	OR	i		OR	
	OIC			OK	
POL SCI 1	Amer Natl Govt	(4)   P	OLS 100	American Political Institutions	(3)
			OR		

POLS 101	Introduction to the	(3)
İ	Government of the	
İ	United States	

BIOL 112B & Majors' Biology: (5)

\_\_\_\_\_\_ A MINIMUM OF 8 QUARTER UNITS FROM EACH OF THE FOLLOWING AREAS: AN SCI 1 Domest Ani & People (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation AN SCI 2 Intro Animal Sci (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation AN SCI 21 Livestock&Dairy Jdg (2) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation AN SCI 41 Domestic Ani Prod (2) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation \_\_\_\_\_\_ (2) | NO COURSE ARTICULATED: College has not ABIOSYT 16 Metal Prop & Fabr |submitted course(s)for articulation ABIOSYT 49 Fld Equip Oper (2) NO COMPARABLE COURSE
ABIOSYT 52 Field Equip Welding (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation AGRESEC 15 Pop, Envr, World Agri (4) | NO COMPARABLE COURSE AND ECON 1A Princ of Microecon (4) ECON 102 Principles of Microeconomics OR OR ECON 1B Princ of Macroecon (4) ECON 101 Principles of Macroeconomics .\_\_\_\_\_ ENVHORT 1 Intro Envhort/Urb For (3) NO COMPARABLE COURSE
ENVHORT 6 Intro Environ Plants (4) NO COURSE ARTICULATED: College has not | submitted course(s) for articulation PL SCI 5 Plants Gard, Orch & Land (2) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation FORMERLY PLANT BIO 1 \_\_\_\_\_\_ ENV S&P 10 Current Issues in (3) BIOL 138 Introduction to (4) Environment Environmental Sciences Same as: 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 COMPARABLE COURSE
PL SCI 2 Bot Physio Cul Plt (4) NO COMPARABLE COURSE
PL SCI 15 Intro Sustainable (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 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 112C Majors' Biology: Earth Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification

		  BIC   	L 112	С	Plants, Algae, Fungi and Ecology Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A Genl Chemi CHEM 2B Genl Chemi		5)   CHE	M 131	<u>&amp;</u>	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
o) GEOLOGY 1 The E GEOLOGY 20 Califor SOILSCI 10 Soils i Environ	nia Geology ( n Our (	2)   GEC	L 114		Physical Geology Geology of California LE COURSE	(3)
f) MATH 16A Short	Calculus (	į	Ή 122	_	Calculus I with Applications Calculus II with Applications	(3)
		į	<u>OR</u> 'H 123 'H 124	_	Analytic Geometry and Calculus I Analytic Geometry and	(5)
f) MATH 16B Short	Calculus (	j	'Н 121 'Н 122	_	Calculus II Calculus I with Applications Calculus II with	(3)
		     MAT	<u>OR</u> 'H 123	<u>&amp;</u>	Applications  Analytic Geometry and Calculus I	(5)
OR		AM     	'Н 124		Analytic Geometry and Calculus II OR	(5)
		4)   MA7	'Н 121		Calculus I with Applications	(3)
MATH 17B Calculus	for Biosci (	4)   MAT	'Н 122		Calculus II with Applications	(3)
OR MATH 21A Calculus		4)   MA7	'Н 123		OR Analytic Geometry and	(5)
MATH 21B Calculus	(	4)   MAT	'Н 124		Calculus I Analytic Geometry and Calculus II	(5)
PHYSICS 7A General	Physics (	 4) PHY  PHY	S 108	_	General Physics I General Physics II	(4) (4)
PHYSICS 7B General	Physics (	4)   PHY		A &		(4)

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

END OF MAJOR

 $<sup>\</sup>circ$ ) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

f) This articulation is "series for series" only.

#### ====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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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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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		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)								
AMR STD 55 Food in Amer Culture Same as: FD S&T 55		NO COURSE ARTICULATED: College has not  submitted course(s) for articulation							
AMR STD 59 Music and American Culture	(4)	NO COURSE ARTICULATED: College has not  submitted courses for articulation							
ONE COURSE FI	ROM TI	HE FOLLOWING:							
CHICANO 10 Intro to Chic Std	(4)	NO COMPARABLE COURSE							
ONE COURSE FI	ROM TI	HE FOLLOWING:							
ANTHRO 2 Cultural Anthropology	(5)	ANTH 102 Introduction to (3) Cultural Anthropology							
SOCIOL 2 Self and Society	(4)	SOC 230   Social Psychology (3)   Same as:							
WOM STD 50 Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation							
ONE COURSE FI	ROM TI	HE FOLLOWING:							
HISTORY 17A U.S. History	(4)	HIST 117 History of the United (3) States I							
HISTORY 17B U.S. History	(4)	HIST 118 History of the United (3)   States II							
HISTORY 72A Am Women & Gender HISTORY 72B Am Women & Gender	(4)	•							
ONE COURSE FROM THE FOLLOWING:									
ENGLISH 3 Intro to Lit	(4)	ENGL 151 Reading and (4) Composition (1B)							
ENGLISH 10A Literatures in English I: To 1700	h (4)								
ENGLISH 10B Literatures in English II: 1700-1900	h (4)								
		OR  ENGL 223 Survey of English (3)   Literature II							
ENGLISH 10C Literatures in English III: 1900 to Present	h (4)								
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

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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

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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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avaılabl	le ir 	om our TAG v 	vebsıt 	e. 						
BIOLSCI	2A	Intro Biol Earth	Logy:L	ife on	(5)	BIOL   	1120		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biol & Evolution		Ecology	(5)	BIOL   	112 <i>F</i>	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
						BIOL	112E	8 <u>&amp;</u>		(5)
						BIOL	1120		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Biol Biodiversi of Life		the Tree	(5)	BIOL	1127	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
						BIOL   	112E	3	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	 G	enl Chemist	 СУ		(5)	   CHEM	131		General Chemistry I	(5)
CHEM 2B	G	enl Chemisti	ſУ		(5)	CHEM		_	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	G	enl Chemistı	ΞY		(5)	CHEM			General Chemistry II	(5)
CHEM 8A	0	 rganic Chem-	 -Brief		(2)	CHEM		<u>&amp;</u>	Organic Chemistry I	(5)
CHEM 8B	0	rganic Chem-	-Brief		(4)	CHEM		æ	Organic Chemistry II Organic Chemistry I	(5) (5)
011211 02	Ü		DITCI		( - /	CHEM		=	Organic Chemistry II	(5)
CHEM 118	8 A	OR Org Chem, H	ılth &	Sci	(4)	  CHEM	231		OR Organic Chemistry I	(5)
CHEM 118		Org Chem, I				CHEM   CHEM	231	<u>&amp;</u>	Organic Chemistry I Organic Chemistry II	(5)
f) MATH	16A	Short Cal	lculus		(3)	  MATH	121	<u>&amp;</u>		(3)
						  MATH 			Applications Calculus II with Applications	(3)
						<u>OI</u>  MATH		&	Analytic Geometry and	(5)
						İ			Calculus I	
						MATH	124		Analytic Geometry and	(5)

f) MATH 16D	Chort	Calculus	(2)	  MATH	1 2 1	·	Calculus II
f) MATH 16B	SHOLL	Calculus	(3)	MAIH	121	<u>«</u>	Calculus I with (3) Applications
				MATH     OI			Calculus II with (3) Applications
				<u>01</u>  MATH 	_	<u>&amp;</u>	Analytic Geometry and (5) Calculus I
				MATH	124		Analytic Geometry and (5) Calculus II
f) MATH 16C	Short	Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with (3)
				MATH	122		Applications Calculus II with (3)
				   01	Þ		Applications
				MATH	_	<u>&amp;</u>	Analytic Geometry and (5)
				  MATH	101		Calculus I Analytic Geometry and (5)
				MAIH	124		Analytic Geometry and (5) Calculus II
	OI			į			OR
MATH 17A	Calculus	for BioSci	(4)	MATH	121		Calculus I with (3) Applications
MATH 17B	Calculus	for Biosci	(4)	MATH	122		Calculus II with (3) Applications
MATH 17C	Calculus	for BioSci	(4)				RTICULATED: College has not
	OI	R		subm:	itte	d c	ourse(s) for articulation OR
MATH 21A	Calculus	-	(4)	  MATH 	123		Analytic Geometry and (5) Calculus I
MATH 21B	Calculus		(4)	MATH	124		Analytic Geometry and (5) Calculus II
MATH 21C	Calculus		(4)	MATH	223		Analytic Geometry, (5)
							Vector Analysis and Calculus III
PHYSICS 7A	Genera	l Physics	(4)				General Physics I (4)
PHYSICS 7B	Genera	l Physics	(4)	PHYS PHYS			General Physics I (4)
PHYSICS 7C	Genera	l Physics	(4)	PHYS			General Physics II (4) General Physics I (4)
inibies /e	ociicia.	I IIIy DICD	(1)	!		_	General Physics II (4)
							tire physics series at
							ire UC Davis Physics 7A/B/C
							hout completing an entire rses upon arrival at UC
							before continuing with
physics.							
 STATIST 13	Element	 tary Statistics	(4)	   стат	115		Introduction to (4)
	STATIST :		(1)	į			Statistics
				<u>O</u>  MATH	_		Probability and (4)
				İ			Statistics
AN BIOL 50A	Anima	 l Biol Lab	(2)	NO C	 IAPMC	RAB	LE COURSE
AN BIOL 50B	Anima	l Biology		•			LE COURSE
AN BIOL 50C	Anima.	 г втогодλ	(3)	NO C	JMPAI	KAB 	LE COURSE

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

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BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (Animals, Protozoa, Evolution and Classification Majors' Biology: (Animals, Protozoa, Evolution and Classification Majors' Biology: (Animals, Protozoa, Evolution and Classification Majors' Biology: (Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (CHEM 2B Genl Chemistry I (CHEM 132 General Chemistry II (CHEM 132 General Chemistry II (CHEM 8A Organic Chem-Brief (2) CHEM 231 General Chemistry II (CHEM 232 Organic Chemistry II (CHEM 8B Organic Chem-Brief (4) CHEM 231 Gorganic Chemistry II (CHEM 8B Organic Chemistry II (CHEM 231 Gorganic Chemistry II (CHEM 8B Organic Chemistry II (CHEM 8B Organic Chemistry II (CHEM 231 Gorganic Chemistry II (CHEM 8B Organic Chemistry II (CHEM 231 Gorganic Chemistry II (CHEM 8B Organic Chemistry II (CHEM 231 Gorganic Chemistry II (CHEM 231 Gor	AN SCI 1	Domest Ani & People	(4)			ARTICULATED: College has not
BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (Molecul	AN SCI 2	Intro Animal Sci	(4)	NO CO	DURSE	ARTICULATED: College has not
BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (Animals, Protozoa, Evolution and Classification  BIOL 112B & Majors' Biology: (Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (Majors' Biology: (M	BIOLSCI 2A	31	(5)	BIOL   	112C	Molecules, Cells, Prokaryotes and
Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (Molecules, Cells, Prokaryotes and Genetics  BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (Animals, Protozoa, Evolution and Classification BIOL 112B Majors' Biology: (Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (CHEM 2B Genl Chemistry I (CHEM 132 General Chemistry I (CHEM 132 General Chemistry I (CHEM 232 Organic Chemistry I (CHEM 232 Organic Chemistry I (CHEM 232 Organic Chemistry I (CHEM 231 & Organic Chemistry I (CHEM 231 & Organic Chemistry I (CHEM 231 & Organic Chemistry I (CHEM 231 & Organic Chemistry I (CHEM 232 Organic Chemistry I (CHEM 233 & Organic Chemistry I (CHEM 231 & Organic Chemistry I (CHEM 232 Organic Chemistry I (CHEM 233 & Organic Chemistry I (CHEM 231 & Organic CHEM 231 &	BIOLSCI 2B		(5)	BIOL     	112A	<pre>Majors' Biology: (5) Animals, Protozoa, Evolution and</pre>
BIOL 112C Majors' Biology: ( Molecules, Cells, Prokaryotes and Genetics  BIOL 2C Intro Biology: (5) BIOL 112A & Majors' Biology: ( Animals, Protozoa, of Life Evolution and Classification BIOL 112B Majors' Biology: ( Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I ( CHEM 2B Genl Chemistry (5) CHEM 131 General Chemistry I ( CHEM 2B Genl Chem-Brief (2) CHEM 132 General Chemistry I ( CHEM 232 Organic Chemistry I ( CHEM 232 Organic Chemistry I ( CHEM 231 & Organic Chemistry I ( CHEM 232 Organic Chemistry I ( CHEM 231 & Organic Chemistry I ( CHEM 231 & Organic Chemistry I ( CHEM 232 Organic Chemistry I ( CHEM 231 & O				BIOL   	112B	Plants, Algae, Fungi
BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (Animals, Protozoa, Evolution and Classification BIOL 112B Majors' Biology: (Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (CHEM 2B Genl Chemistry (5) CHEM 131 & General Chemistry I (CHEM 132 General Chemistry II (CHEM 132 General Chemistry II (CHEM 232 Organic Chemistry II (CHEM 232 Organic Chemistry II (CHEM 231 & Organic CHEMISTRY II (CHEM 231 & Organic CHEMISTRY II (CHEM 231 & Organic CHEMISTRY II (CHEM 231 & Organic CHEMISTRY II (CHEM 231 & Organic CHEMISTRY II (CHEM 231 & Organic CHEMISTRY II (CHEMISTRY II (CHE				BIOL	112C	Majors' Biology: (5) Molecules, Cells, Prokaryotes and
BIOL 112B   Majors' Biology: (Plants, Algae, Fungi and Ecology   Plants, Algae, Fungi and Ecology   CHEM 2A   Genl Chemistry   (5)   CHEM 131   General Chemistry   (CHEM 2B   Genl Chemistry   (5)   CHEM 131   General Chemistry   (CHEM 132   General Chemistry   (CHEM 132   General Chemistry   (CHEM 231   General Chemistry   (CHEM 232   Organic Chemistry   (CHEM 232   Organic Chemistry   (CHEM 231   General Che	BIOLSCI 2C	Biodiversity & the Tree		BIOL	112A	<pre>Majors' Biology: (5) Animals, Protozoa, Evolution and</pre>
CHEM 2B Genl Chemistry (5) CHEM 131 & General Chemistry I (				BIOL	112B	Majors' Biology: (5) Plants, Algae, Fungi
CHEM 8B Organic Chem-Brief (4) CHEM 232 Organic Chemistry II ( CHEM 8B Organic Chemistry I (				CHEM	131 8	General Chemistry I (5)
CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry I (	CHEM 8A	Organic Chem-Brief	(2)	•	_	
CHEM 232 Organic Chemistry II (	CHEM 8B	Organic Chem-Brief	(4)	CHEM	231 8	$\underline{\underline{\mathbf{s}}}$ Organic Chemistry I (5)

OR		OR
B) ENG CS 15 Intro to Computers	(4)	CIS 110
ECON 1A Princ of Microecon	(4)	ECON 102 Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4)	ECON 101 Principles of (3) Macroeconomics
MGMT 11A Elem Accounting MGMT 11B Elem Accounting	(4)	BUS 112 Financial Accounting (4) BUS 113 Managerial Accounting (5)
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with (3)   Applications
		MATH 122 Calculus II with (3) Applications
		<u>OR</u>  MATH 123 <u>&amp;</u> Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5) Calculus II
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with (3) Applications
		MATH 122 Calculus II with (3)   Applications
		<u>OR</u>  MATH 123 <u>&amp;</u> Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5) Calculus II
f) MATH 16C Short Calculus	(3)	MATH 121 $\underline{\&}$ Calculus I with (3)   Applications
		MATH 122 Calculus II with (3)   Applications
		$\frac{OR}{MATH 123}$ Analytic Geometry and (5)
		Calculus I
OR		MATH 124 Analytic Geometry and (5)   Calculus II   OR
MATH 17A Calculus for BioSci	(4)	MATH 121 Calculus I with (3) Applications
MATH 17B Calculus for Biosci	(4)	MATH 122 Calculus II with (3) Applications
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR MATH 21A Calculus	(4)	OR   MATH 123 Analytic Geometry and (5)
MATH 21B Calculus	(4)	Calculus I MATH 124 Analytic Geometry and (5) Calculus II
MATH 21C Calculus	(4)	MATH 223 Analytic Geometry, (5)   Vector Analysis and   Calculus III

# AREAS OF SPECIALIZATION:

# AQUATIC ANIMALS SPECIALIZATION

	COMPANION	N ANIMALS SPECIALIZATION
AN SCI 42	Intro Comp Ani Bio	(4) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
	DAIRY S	SPECIALIZATION
AN SCI 41	Domestic Ani Prod	(2) NO COURSE ARTICULATED: College has not
AN SCI 41L	Domest An Prod Lab	submitted course(s) for articulation (2) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
	EQUINE	SPECIALIZATION
AN SCI 15	Intro Horse Husb	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	LIVESTO	CK SPECIALIZATION
AN SCI 41	Domestic Ani Prod	( )
AN SCI 41L	Domest An Prod Lab	submitted course(s) for articulation (2) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
	POULTRY	Y SPECIALIZATION
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE
	RESTRICTED EI	LECTIVES (12 QUARTER UNITS):
AGRESEC 18	Business Law	(4) BUS 107 Business Law (3)
END OF MAJO	 R	
D) 1165	~~ 15	and the second of the second o

- 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.
- f) This articulation is "series for series" only.

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

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AN SCI 41 Domestic Ani Prod	(2)	NO COURSE ARTICULATED: College has not	
AN SCI 41L Domest An Prod Lab	(2)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation	
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics	
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 112A & Majors' Biology: (5)   Animals, Protozoa,   Evolution and   Classification	
		BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology	
		BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics	
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life		BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification	
		BIOL 112B Majors' Biology: (5)   Plants, Algae, Fungi   and Ecology	
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry		CHEM 131 General Chemistry I (5)  CHEM 131 & General Chemistry I (5)	
CHEM 2D COMP CHEMISTRY	(3)	CHEM 132   General Chemistry II (5)	
CHEM 8A Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I (5)  CHEM 232 Organic Chemistry II (5)	
CHEM 8B Organic Chem-Brief OR	(4)	CHEM 232   Organic Chemistry II (5)   CHEM 232   Organic Chemistry II (5)   OR	
CHEM 118A Org Chem, Hlth & Sci		CHEM 231 Organic Chemistry I (5)	
CHEM 118B Org Chem, Hlth & Sci			
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with (3)   Applications	
		MATH 122   Calculus II with (3)   Applications	
		<u>OR</u>	
		MATH 123 $\underline{\&}$ Analytic Geometry and (5)   Calculus I	
		MATH 124 Analytic Geometry and (5)   Calculus II	
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with (3)   Applications	
		MATH 122 Calculus II with (3)   Applications	
		OR   MATH 123 & Analytic Geometry and (5)	
OR		Calculus I  MATH 124 Analytic Geometry and (5)   Calculus II   OR	
MATH 17A Calculus for BioSci	(4)	MATH 121 Calculus I with (3)	

MATH 21A		(4)	    MATH 123 	Calculus I
MATH 21B	Calculus	(4)	MATH 124 	Analytic Geometry and (5) Calculus II
		SPECI	ALIZATION:	
AN SCI 18	Intro Aquaculture	(4)	submitted	ARTICULATED: College has not course(s) for articulation
	AVIAN	SCIEN	CES	
AV SCI 13	Birds, Humans & Env	(3)	NO COMPARA	ABLE COURSE
	COMPANION AN	ID CAP	TIVE ANIMAI	LS
	Intro Comp Ani Bio		submitted	ARTICULATED: College has not course(s) for articulation
	EQUINE	E SCIE	NCE	
AN SCI 15	Intro Horse Husb		submitted	ARTICULATED: College has not course(s) for articulation
	LABORAT	ORY A		
	Intro Comp Ani Bio		submitted	ARTICULATED: College has not course(s) for articulation
	POU	JLTRY		
711 CCT 11	T. 1. D. 11. G. 1	(2)		

f) This articulation is "series for series" only.

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

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

### Special Advising Note:

END OF MAJOR

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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

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

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

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	EVOLU:	<b>TIONARY</b>	EMPH	ASIS:		
ANTHRO 1	Human Evol Biol	(4)	ANTH	101	Introduction to	(3)
			ĺ		Physical/Biological	
					Anthropology	
ANTHRO 2	Cultural Anthropology	(5)	ANTH	102	Introduction to	(3)
					Cultural Anthropology	
ANTHRO 3	Intr to Archaeology	(4)	ANTH	110	Introduction to	(3)
					Archaeology and	
					Prehistory	

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 1	-	Human Life Cycle Intr World Prehist		) NO COMPARABLE COURSE ) NO COMPARABLE COURSE
ANTHRO 2	24	Ancient Crops and People	(4)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 5	50	Evolution and Human Nature	(4)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ANTHRO 5	54	Intro to Primatology	(4)	) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

#### ONE COURSE FROM THE FOLLOWING:

	Anthropology		submitted c	ourse(s) for articulati	lon
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARAE	SLE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to	(4)
Same as:	STATIST 13Y			Statistics	
			OR		
			MATH 115	Probability and	(4)
				Statistics	
STATIST 32	Gateway to Data Science	(4)	NO COMPARAE	SLE COURSE	
	SOCIOCI	ULTUR	AL EMPHASIS:	_	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102	Introduction to	(3)
				Cultural Anthropology	
	TWO COURSES 1	FROM '	THE FOLLOWIN	G:	
ANTHRO 1	TWO COURSES I		THE FOLLOWIN	Introduction to	(3)
ANTHRO 1				Introduction to Physical/Biological	(3)
-	Human Evol Biol	(4)	ANTH 101 	Introduction to Physical/Biological Anthropology	, ,
ANTHRO 1 ANTHRO 3		(4)		Introduction to Physical/Biological Anthropology Introduction to	(3)
-	Human Evol Biol	(4)	ANTH 101 	Introduction to Physical/Biological Anthropology Introduction to Archaeology and	, ,
ANTHRO 3	Human Evol Biol Intr to Archaeology	(4)	ANTH 101        ANTH 110 	Introduction to Physical/Biological Anthropology Introduction to Archaeology and Prehistory	, ,
-	Human Evol Biol	(4)	ANTH 101        ANTH 110 	Introduction to Physical/Biological Anthropology Introduction to Archaeology and	, ,

# 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)	ANTH 103	Globalization and	(3)
				Peoples and Cultures	
				of the World	
ANTHRO 30	Sexualities	(4)	NO COURSE	ARTICULATED: College has n	not
			submitted	<pre>course(s)for articulation</pre>	
ANTHRO 32	Drugs, Science and	(4)		ARTICULATED: College has n	
	Culture		submitted	course(s) for articulation	n
Same as:	SCI&TEC 32				
ANTHRO 34	Cultures of Consumerism	(4)		ARTICULATED: College has n	
			submitted	course(s) for articulation	n

# END OF MAJOR

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

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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.

Intergermental Conoral Education Transfer Curriculum (ICETC)/ NC Davis Conoral

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\tt General\ Catalog}$  . Quick reference charts for  $\underline{\tt AP}$  and  $\underline{\tt IB}$  are also available from our TAG website.

avariable	IIOM OUI IAG WEDSIEE.					
ANTHRO 1	Human Evol Biol	(4)	   ANTH 	101	Introduction to Physical/Biological Anthropology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH	102	Introduction to Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4)	ANTH	110	Introduction to Archaeology and Prehistory	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	   	·	Animals, Protozoa, Evolution and Classification	(5)
			BIOL   	112B	<pre>Majors' Biology:    Plants, Algae, Fungi    and Ecology</pre>	(5)
			BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL     	112A	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM	131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM   CHEM	_	General Chemistry I General Chemistry II	(5) (5)
CHEM 8A	Organic Chem-Brief	(2)	!	231 <u>&amp;</u> 232	Organic Chemistry I Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	!	231 <u>&amp;</u>	_	(5)

	OR		CHEM 232 Organic Chemistry II (5	5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231 Organic Chemistry I (5	5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 231 & Organic Chemistry I (5)	
		( - /	CHEM 232   Organic Chemistry II (5	
f) MATH 16A	Short Calculus	(3)	) MATH 121 & Calculus I with (3	3)
•		, ,	Applications	,
			MATH 122   Calculus II with (3	3)
			Applications	,
			OR	
			MATH 123 & Analytic Geometry and (5	5)
			Calculus I	-
			MATH 124 Analytic Geometry and (5	5)
			Calculus II	•
f) MATH 16B	Short Calculus	(3)	) MATH 121 & Calculus I with (3	3)
			Applications	
			MATH 122 Calculus II with (3	3)
			Applications	
			OR	
			MATH 123 & Analytic Geometry and (5	5)
			Calculus I	
			MATH 124 Analytic Geometry and (5	5)
			Calculus II	
f) MATH 16C	Short Calculus	(3)	) MATH 121 & Calculus I with (3	3)
			Applications	
			MATH 122 Calculus II with (3	3)
			Applications	
			<u>OR</u>	
			MATH 123 & Analytic Geometry and (5	5)
			Calculus I	_ 、
			MATH 124 Analytic Geometry and (5	) )
	OR		Calculus II   OR	
MATH 17A	Calculus for BioSci	(1)	) MATH 121    Calculus I with     (3	2 \
MAIN 1/A	calculus for Broser	( 1 )	Applications	<i>)</i>
MATH 17B	Calculus for Biosci	(4)	) MATH 122 Calculus II with (3	٦)
111111 1/2	04104145 101 510501	( - /	Applications	- /
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no	ot
		, ,	submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	) MATH 123 Analytic Geometry and (5	5)
			Calculus I	
MATH 21B	Calculus	(4)	MATH  124 Analytic Geometry and (5	<b>5</b> )
			Calculus II	
MATH 21C	Calculus	(4)	) MATH 223 Analytic Geometry, (5	5)
			Vector Analysis and	
			Calculus III	
	ONE COURSE FE	KOM II	THE FOLLOWING:	
ANTHRO 13	Sci Method in Physical	<i>(</i> <u>4</u> )	   NO COURSE ARTICULATED: College has no	nt-
1	Anthropology	\ - /	submitted course(s) for articulation	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE	
	Elementary Statistics		STAT 115   Introduction to (4)	1)
	STATIST 13Y	. /	Statistics	•
			OR	
			MATH 115 Probability and (4	1)
			Statistics	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	

#### f) This articulation is "series for series" only.

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <u>UC Davis General</u> Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MATH 21A Calculus (4) MATH 123 Analytic Geometry and (5)
Calculus I

MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5)
Calculus II

MATH 21C Calculus (4) MATH 223 Analytic Geometry, (5)
Vector Analysis and
Calculus III

MATH 21D Vector Analysis (4) MATH 224 Elementary (4)

		Differntl Equations Lin Alg Comp Lab		  NO COURSE	Differential Equations CARTICULATED: College has r	(4) not
				1	course(s)for articulation	
		or equivalent basic kr		-		
		BOTH OF THE				
MATH	22A	Linear Algebra <b>AND</b>	(3)	MATH 116 	Linear Algebra <b>AND</b>	(3)
MATH	108	Intro Abstract Math	(4)	This cour	rse must be taken at UC Davi	is
		OR SELECT T	THE F	OLLOWING C	COURSE:	
MATH	67	Modern Linear Algebra	(4)		ARTICULATED: College has raccurated course(s) for articulation	
can l	earn		Engi	neering 6,	th MATH 67 and 22A. Student Mechanical Engineering 5 can concurrently).	
		Intro to Programming(4) ly ENG CS 10		:	Introduction to Computer Programming Using C++	(4)
ENGIN	16	Engr Prob Solving	(4)	ENGG 150     Same a   <b>OR</b>	Programming in MATLAB for Engineers	(4)
				! —	Programming in MATLAB for Engineers	(4)

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

STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology:Life on (5) BIOL 112C Majors' Biology: Earth Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics OR CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) (5) CHEM 131 & General Chemistry I CHEM 2B Genl Chemistry (5) CHEM 132 General Chemistry II (5) OR OR Princ of Microecon (4) ECON 102 Principles of ECON 1A (3) Microeconomics Princ of Macroecon (4) ECON 101 ECON 1B Principles of (3)Macroeconomics OR OR

PHYSICS	9A	Classical	l Physics	(5)	PHYS	207A	Mechanics and	(5)
							Properties of Matter	
PHYSICS	9B	Classical	l Physics	(5)	PHYS	207C	Heat, Light, Sound	(5)
							and Modern Physics	
		OR					OR	
STATIST	32		Data Science	(4)	  NO CO	OMPARABI	OR JE COURSE	
STATIST STATIST		Gateway to	Data Science Stats for Bio		:		<del></del>	vis

OR

#### OTHER APPROVED APPLIED PREPARATORY COURSES

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END OF MAJOR

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

#### Special Advising Note:

Transfer students are strongy advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highy 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 Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

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

\*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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PHYSICS 9A	Classical Physics	(5)	PHYS 207A	Mechanics and (5) Properties of Matter
PHYSICS 9B	Classical Physics	(5)	PHYS 207C	Heat, Light, Sound (5)
				and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	<del>-</del>
				Magnetism
PHYSICS 9D	Modern Physics OR	(4)	NO COMPARA 	ABLE COURSE OR
PHYSICS 9HA	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not
11110100 71111	nonord injured	(3)		course(s) for articulation
PHYSICS 9HB	Honors Physics	(5)	ļ .	ARTICULATED: College has not
INIDICO JID	Honors inysics	(3)		course(s) for articulation
PHYSICS 9HC	Honors Physics	/ E \	,	ARTICULATED: College has not
PHISICS 9HC	HOHOIS PHYSICS	(5)	1	course(s) for articulation
DIIVATAA OIID	II and and a Diagonia was	( - )	1	
PHYSICS 9HD	Honors Physics	(5)	ļ .	ARTICULATED: College has not
D	77 73	( - )		course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	!	ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and (5)
				Calculus I
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and (5)
			İ	Calculus II
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, (5)
			İ	Vector Analysis and
			j	Calculus III
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary (4)
	<b>,</b>	/	i	Differential Equations
MATH 22A	Linear Algebra	(3)	  MATH 116	Linear Algebra (3)
MATH 22B	Differntl Equations		MATH 224	Elementary (4)
	1 1 1	, - ,	i	Differential Equations
			· 	

# ATMOSPHERIC PHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) NO COURSE ARTICULATED

CHEM 2A Genl Chemistry

CHEM 2B	Genl Chemistr	У	(5)					Chemistry		(5)
								Chemistry		(5)
	Genl Chemistr		(5)	CHE	M 132	7.77	General	Chemistry	ΙΙ	(5)
PHYSICS 40	Intr Physics	Computation	(4)	NO (	COURSE	AR.	TTCULATI	≝D		
		COMPUTATIONA	г. рну	STCS	CONCE	NTR	 АТТОN			
ENG CS 36A	Programming	COMPUTATIONAL			P 130			ction to		(4)
	y ENG CS 30		( 1 )		1 130			r Programmi:	na	( - )
101011	7 21.0 00 00						Using C		5	
							0.0 = 1.0			
				j <u>c</u>	OR					
				COM	P 135		Introdu	ction to		(4)
				ĺ			Program	ming in Jav	a	
ENG CS 36B	Object-Orien	ted Program	(4)	COM	P 232	1	Advance	d Programmi:	ng	(4)
Formerl	y ENG CS 40						in JAVA			
				٠ .	<u>OR</u>		- 1			(4)
				COM	P 235			d Programmi	ng	(4)
							in C++			
defici	encies.									
		GEOPHYSI	CS CO	NCEN'	TRATIO	N				
PHYSICS 40	Intr Physics					_	TICULAT	ED		
		MATERIALS :	SCIEN	CE C	ONCENT	RAT	ION			
PHYSICS 40	Intr Physics	Computation	(4)	ио о	COURSE	AR'	TICULAT	ED		
ENGIN 17	0:	PHYSICAL EL						: - O:: +		(2)
ENGIN 17	Circuits I		(4)	ENG	G 220	<u>&amp;</u>		ic Circuit		(3)
				   ENIC	G 220L		Analys	is ic Circuits	Tah	/ 1 \
DHVQTCQ 40	Intr Physics	Computation	(4)	1					цар	( 1 )
	Experimental									
11110100 00	EVACTIMENTAL	recimitydes	( 1)		COOKDE	L11/	TICOUAL	ط		
DUVETCE 40		Computation						ED.		
PRISICS 40	Intr Physics		(4)		COURSE	AR				
END OF MAJ	OR				<b></b>					
	<del>-</del>									

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

# Special Advising Note:

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

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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		FOUR COURSES F	ROM '	THE FOL	LOWI	NG:			
ARTHI	1A	Ancient Mediterranean Art	(4)	ART 10	1	History (	of An	ncient Art	(3)
ARTHI	1B	Mediev&Renaiss Art	(4)	ART 10	2	History	of Eu	ropean Art	(3)
ARTHI	1C	Baroque to Modern Art	(4)	ART 10	2 &	History	of Eu	ropean Art	(3)
				ART 10	3	History (	of Mo	dern Art	(3)
ARTHI	1D	Arts of Asia	(4)	ART 10	4	History (	of As	sian Art	(3)
ARTHI	1E	Islamic Art &	(4)	ART 11	0	History	of Is	slamic Art	(3)
		Architecture							
ARTHI	5	Visual Culture	(4)	NO COM	PARAI	BLE COURS	E		
ARTHI	25	Understanding	(4)	ARCH 1	00	History	of		(3)
		Architecture				Archite	cture	e I	
				OR					
				ARCH 1	01	History	of		(3)
						Archite	cture	e II	
				OR					
				ARCH 1	02	History	of		(3)
						Archite	cture	e III	

#### ONE ART STUDIO COURSE FROM:

ART 2	Beginning	Drawing	(4)	ART 130 	Drawing and Composition I	(4)
				<u>OR</u>		
				ART 131	Drawing and Composition	(4)
					II	
ART 5	Beginning	Sculpture	(4)	ART 180	Sculpture I	(4)
				<u>OR</u>		
				ART 181	Sculpture II	(4)
ART 7	Beginning	Painting	(4)	ART 140	Painting I	(4)

ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARABLE COURSE
ART 9	Beginning Photography	(4)	NO COMPARABLE COURSE
ART 11	Beginning Printmaking	(4)	ART 152 Printmaking I (4)
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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#### College Foreign Language Requirement Note:

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2 Beginning Drawing (4) ART 130 Drawing and Composition (4)

				II	( 1 )
ART 5	Beginning Sculpture	(4)	ART 180	Sculpture I	(4)
			OR	-	
			ART 181	Sculpture II	(4)
ART 7	Beginning Painting	(4)	ART 140	Painting I	(4)
ART 8	Beginning Ceramic Sculpture	(4)	NO COMPARA	ABLE COURSE	
ART 9	Beginning Photography	(4)	NO COMPARA	ABLE COURSE	
ART 11	Beginning Printmaking		ART 152	Printmaking I	(4)
ART 12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	on
	TWO LECTURE COURSES CHO				
ART 24	Intro Experimental Video	(4)		ARTICULATED: College has	
	and Film		submitted	course(s) for articulation	on
ART 30	Contemp Vis Culture	٠,	NO COMPARA	ABLE COURSE	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101	History of Ancient Art	(3)
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 102	History of European Art	(3)
ARTHI 1C	Baroque to Modern Art	(4)		History of European Art	(3)
			ART 103	History of Modern Art	(3)
ARTHI 1D	Arts of Asia	(4)	ART 104	History of Asian Art	(3)
ARTHI 1E	Islamic Art &	(4)	ART 110	History of Islamic Art	(3)
	Architecture				
ARTHI 5	Visual Culture	, ,		ABLE COURSE	
ARTHI 25	Understanding	(4)	ARCH 100	History of	(3)
	Architecture			Architecture I	
			OR		
			ARCH 101	History of	(3)
				Architecture II	
			OR		
			ARCH 102	History of	(3)
				Architecture III	

ART 131

Drawing and Composition (4)

END OF MAJOR

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

### Special Advising Note:

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partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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:

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

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

AF-AMST 10 Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 12 Intro Afro Studies	(4)	NO COMPARABLE COURSE
AF-AMST 15 Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
AF-AMST 16 African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17 Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18 Intro Caribbean Studie	es (4)	NO COURSE ARTICULATED: College has not
	ĺ	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	(4)	NO COMPARABLE COURSE
Culture	ĺ	
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
	ĺ	submitted course(s) for articulation
AMR STD 21 Objects & Everyday Lif	e (4)	NO COURSE ARTICULATED: College has not
	j	submitted course(s) for articulation
AMR STD 25 U.S. as Business	(4)	NO COURSE ARTICULATED: College has not
Culture	j	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
Same as: FD S&T 55		submitted course(s) for articulation
AMR STD 59 Music and American	(4)	NO COURSE ARTICULATED: College has not
Culture	j	submitted courses for articulation
CHICANO 10 Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21 Hlth Care Issues	(4)	NO COMPARABLE COURSE

CHICANO 65 New Latin American CHICANO 70 Survey Chic Art CHICANO 73 Art EXpr Silk Scr CHICANO 73 Art EXpr Silk Scr N A STD 1 Intro NA Studies N A STD 1 Intro NA Literature N A STD 5 Intro NA Literature N A STD 7 Indig & Minority Langs N A STD 10 Indig & Minority Langs N A STD 10 Na Experience N A STD 10 Na Experience N A STD 10 Na Experience N A STD 10 Na Experience N A STD 10 Na Experience N A STD 10 Na Hasprindigenous Film N A STD 12 Na Music & Dance N A STD 32 Na Music & Dance N A STD 33 Intro NA Art N A STD 34 Na Art Workshop N A STD 35 Gender & Global Cinema N A STD 36 Gender & Global Cinema N MOM STD 20 Cult Repr of Gndr NOM STD 25 Gender & Global Cinema NOM STD 50 Intro Gender Studies NOM STD 50 Intro Gender Studies NOM STD 50 Sexual:Thry&Hist NOM STD 70 Sexual:Thry&Hi	CHICANO 30 CHICANO 40 CHICANO 50 CHICANO 60	US Poli & Chicanos Comparative Health Chicano Culture Chicana and Chicano	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
CHICAND 70	CHICANO 65	New Latin American	(4)	
N A STD 1 Intro NA Studies (4) ETST 151 Native American (3) History N A STD 5 Intro NA Literature (4) NC COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NA STD 10 NA Experience (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NA STD 12 Native Amer/Indigenous Film N A STD 12 NA Music & Dance (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation of submitted course(s) for articulation (5) NA STD 32 NA Music & Dance (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (6) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (7) NO COURSE ARTIC	CHICANO 70	Survey Chic Art	(4)	!
### Mistory  N A STD 5	CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
N A STD 5	N A STD 1	Intro NA Studies	(4)	ETST 151 Native American (3)
Submitted Course(s) for articulation   Submitted Course(s) for articulation   N A STD 10				·
Submitted course(s) for articulation				submitted course(s) for articulation
N A STD 12   Native Amer/Indigenous   Silm   Submitted course(s) for articulation   Submitted course(s)   Submitted   Submitte				submitted course(s) for articulation
Film N A STD 32 NA Music & Dance NA STD 32 NA Music & Dance NA STD 33 Intro NA Art (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 NA STD 34 NA Art Workshop NA STD 20 Cult Repr of Gndr WOM STD 20 Cult Repr of Gndr WOM STD 25 Gender & Global Cinema WOM STD 25 Gender Studies NA STD 36 Intro Gender Studies NA STD 36 Feminist Critiques NA STD 37 Sexual:Thry&Hist WOM STD 50 Intro Gender Studies NA STD 40 Feminist Critiques NA STD 40 Sexual:Thry&Hist NA STD 40 Sexual:Thry&Hist NA STD 41 Sci Method in Physical Arthropology ARTHI 5 Visual Culture ART 10 Fine Art Appreciation ART 30 Contemp Vis Culture CHICANO 23 Qualitative Research Methods NA STD 46 Orientation to Research In NAS POL SCI 51 Scientific Study of PHILOS 5 POLICUTS COURSE ARTICULATED: College has not submitted course(s) for articulation NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 POL PHILOS 5 NAS POL SCI 51 Scientific Study of PHILOS 5 POL PHILOS 5 NAS POL SCI 51 SCI 51	-			I and the second
N A STD 32 NA Music & Dance	N A STD 12		(4)	
N A STD 33	N A STD 32		(4)	NO COURSE ARTICULATED: College has not
Submitted course(s) for articulation   Submitted   S	м и стр 22	Intro NA Art	(1)	1 ' '
NA STD 34 NA Art Workshop  WOM STD 20 Cult Repr of Gndr  WOM STD 25 Gender & Global Cinema  WOM STD 25 Gender & Global Cinema  WOM STD 25 Gender & Global Cinema  WOM STD 50 Intro Gender Studies  WOM STD 50 Intro Gender Studies  WOM STD 60 Feminist Critiques  WOM STD 70 Sexual:Thry&Hist  ANTHRO 13 Sci Method in Physical Anthropology  ARTH 15 Visual Culture  ART 10 Fine Art Appreciation  Methods  ENGLISH 42 Approaches to Reading ENGLISH 43 ENGLISH ENCLISH ENCLISH ENCLISH ENCLIS	N A SID 33	IIICIO NA AIC	(+)	!
Submitted course(s) for articulation	N A STD 34	NA Art Workshop	(4)	
Submitted course(s) for articulation		тит тем и те	( - /	
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 NO COURSE ARTICULATED: College has not submitted course(s) for articulation of sub	WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   No COURSE ARTICULATED: College has not   Submitted course(s) for articulation   No COURSE ARTICULATED: College has not   Submitted course(s) for articulation   Submitted course(s)   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submitted   Submi				submitted course(s) for articulation
WOM STD 50  Intro Gender Studies	WOM STD 25	Gender & Global Cinema	(4)	·
Submitted course(s) for articulation   Submitted   S				· ·
WOM STD 60 Feminist Critiques  WOM STD 70 Sexual:Thry&Hist  AT LEAST TWO COURSES FROM THE Submitted course(s) for articulation  AT LEAST TWO COURSES FROM THE Submitted course(s) for articulation  Anthropology  ARTHI 5 Visual Culture  ART 10 Fine Art Appreciation  ART 20 Contemp Vis Culture  ART 30 Contemp Vis Culture  Wethods  ENGLISH 42 Approaches to Reading e) PHILOS 5 Critical Reasoning  N A STD 46 Orientation to Research foliation  POL SCI 51 Scientific Study of Politics  1) PSYCH 41 Research Methods  1) PSYCH 41 Research Methods  1) SOCIOL 46A Intro Social Rsch  Same as: STATIST 13 Elementary Statistics  Same as: STATIST 13Y  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation submitted course(s) for articulation (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (4) NO COMPARABLE COURSE  (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation submitted course(s) for articulation  (5) Research Methods  Same as: ANTH 205, BEHS 205, SOC 205  SOCIOL 46B Intro Social Rsch  STATIST 13 Elementary Statistics  Same as: STATIST 13Y  OR  MATH 115 Probability and (4)	WOM STD 50	Intro Gender Studies	(4)	-
Submitted course(s) for articulation   Submitted course	WOM STD 60	Feminist Critiques	(4)	· ·
Submitted course(s) for articulation   Submitted course(s) for articulation   Sci Method in Physical Anthropology   Anthropology   Anthropology   Anthropology   Anthropology   Anthropology   ARTHI 5   Visual Culture   (4)   NO COURSE ARTICULATED: College has not submitted course(s) for articulation   Submitted course(s) for articulation   (4)   NO COMPARABLE COURSE   (4)   NO COMPARABLE COURSE   (4)   NO COMPARABLE COURSE   (4)   NO COMPARABLE COURSE   (4)   NO COMPARABLE COURSE   (4)   NO COURSE ARTICULATED: College has not submitted course(s) for articulation   Submitted course(s) for articulation   (4)   NO COURSE ARTICULATED: College has not submitted course(s) for articulation   Submitted course(s) for articulation   (4)   NO COURSE ARTICULATED: College has not submitted course(s) for articulation   Submitted course(s) for articulation   (4)   PSY 205   Introduction to (3)   Research Methods   Same as: ANTH 205, BEHS 205, SOC 205   SOCIOL 46B   Intro Social Rsch   (5)   NO COMPARABLE COURSE   Statistics   Same as: STATIST 13   Elementary Statistics   (4)   STAT 115   Introduction to (4)   STAT 115   Introduction to (4)   STAT 115   Introduction to (4)   STAT 115   Introduction to (5)   OR   NATH 115   Probability and (4)   OR   OR   NATH 115   OR   NATH 115   OR   NATH 115   OR   NATH 115   OR   OR   NATH 115   OR   OR   NATH 115   OR   OR   NATH 115   OR   OR   NATH 115   OR   OR   OR   OR   OR   OR   OR   O		1	, ,	·
AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES:  ANTHRO 13	WOM STD 70	Sexual:Thry&Hist	(4)	•
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- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both
- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

#### ====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 <a href="https://doi.org/10.1001/journal.com/">highly recommended</a> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

College (CCC).

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

PL SCI 2	Bot	Physio Cul	Plt	(4) NO COMPARABLE COURSE					
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ENG CS 36A Formerly	-	_		(4)	COMP     	130		Introduction to Computer Programming Using C++	(4)
					   <u>OI</u>  COMP 	_		Introduction to Programming in Java	(4)

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

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PHYSICS 9C	Classical Physics	(5)   PHYS 207B	and Modern Physics Electricity and Magnetism	(5)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) STAT 115     OR	Introduction to Statistics	(4)
		MATH 115	Probability and Statistics	(4)
	PREPARATIO	N FOR GRADUATION	:	

ENGIN 6	Engr Prob	Solving	(4)	ENGG 150	Programming in MATLAB for Engineers	(4)
				Same a	as:	
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			ĺ	COMP 150	Programming in MATLAB	(4)
					for Engineers	
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END OF MAJOR

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

# Special Advising Note:

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

#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

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

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

submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

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

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

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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#### END OF MAJOR

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

### Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required

courses are not offered at your college, you must complete them after enrolling at IIC Davis

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A					
BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology Majors' Biology: (5) Plants, Algae, Fungi and Ecology Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Majors' Biology: (5) Majors' Biology: (6) Majors' Biolo	BIOLSCI 2A		(5)	  BIOL 112C   	Molecules, Cells, Prokaryotes and
BIOL 1128	BIOLSCI 2B		(5)	  BIOL 112A   	A & Majors' Biology: (5) Animals, Protozoa, Evolution and
Molecules, Cells, Prokaryotes and Genetics  BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification  BIOL 112B Majors' Biology: (5) Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) CHEM 132 General Chemistry I (5) CHEM 132 General Chemistry I (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) OR  CHEM 2C Genl Chemistry (5) CHEM 132 General Chemistry II (5) OR  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2CH Honors Genl Chemistry (5) NO 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) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17C Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17C Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17C Calculus for BioSci (4) MATH 121 Applications  MATH 21B Calculus (4) MATH 123 Analytic Geometry and (5) Calculus II   PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) General Physics II (4) PHYS 108B General Physics II (4) General Physics II (4) PHYS 108B General Physics II (4)				  BIOL 112B 	B & Majors' Biology: (5) Plants, Algae, Fungi
Biodiversity & the Tree of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  of Life  block life  length of Life  len				BIOL 112C     	Molecules, Cells, Prokaryotes and
CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) OR OR OR  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (3) Applications  MATH 17B Calculus for Biosci (4) NATH 121 Calculus II with (3) Applications  MATH 17C Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) Calculus II  MATH 21A Calculus (4) MATH 123 Analytic Geometry and (5) Calculus II  MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4)	BIOLSCI 2C	Biodiversity & the Tree	(5)	BIOL 112A     	Animals, Protozoa, Evolution and
CHEM 2B Genl Chemistry (5) CHEM 131 & General Chemistry I (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) OR OR OR  CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation of 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) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for Biosci (4) MATH 122 Calculus II with (3) Applications  MATH 17C Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation.  OR OR  MATH 21A Calculus for Biosci (4) MATH 123 Analytic Geometry and (5) Calculus I  MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4)				BIOL 112B   	Plants, Algae, Fungi
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CHEM 2C Genl Chemistry OR  CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH MATH 123 Analytic Geometry and (5) Calculus I CAlculus I CAlculus II  CALCULUS II  CALCU		<del>-</del>		CHEM 131	& General Chemistry I (5)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH Honors Genl Chemistry CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) CHEM 2CH HONOR ARTICULATED: College has not submitted course(s) CAlculus II HONOR ARTICULATED: College has not submitted course(s) CALCULUS II CAL	CHEM 2C		(5)		General Chemistry II (5)
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) MATH 121 Calculus I with (3)  Applications  MATH 17B Calculus for BioSci  (4) MATH 122 Calculus II with (3)  Applications  MATH 17C Calculus for BioSci  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  MATH 21A Calculus  (4) MATH 123 Analytic Geometry and (5)  Calculus I  MATH 21B Calculus  (4) MATH 124 Analytic Geometry and (5)  Calculus II  PHYSICS 7A General Physics  (4) PHYS 1088 General Physics I (4)  PHYS 108B General Physics I (4)  PHYS 108B General Physics I (4)  PHYS 108B General Physics I (4)  PHYS 108B General Physics I (4)	CHEM 2AH		(5)	NO COMPAR	_
CHEM 2CH Honors Genl Chemistry  (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  MATH 17A Calculus for BioSci  (4) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for BioSci  (4) MATH 122 Calculus II with (3) Applications  MATH 17C Calculus for BioSci  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  MATH 21A Calculus  (4) MATH 123 Analytic Geometry and (5) Calculus I  MATH 21B Calculus  (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics  (4) PHYS 108B General Physics I (4) PHYS 108A General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	CHEM 2BH	Honors Genl Chemistry	(5)		
MATH 17B Calculus for Biosci (4) MATH 122 Calculus II with (3) Applications  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  MATH 21A Calculus (4) MATH 123 Analytic Geometry and (5) Calculus I  MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 108B General Physics I (4) PHYSICS 7B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE	ARTICULATED: College has not
MATH 17B Calculus for Biosci (4) MATH 122 Calculus II with (3) Applications  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR  MATH 21A Calculus (4) MATH 123 Analytic Geometry and (5) Calculus I  MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYSICS 7B General Physics (4) PHYS 108A & General Physics I (4) PHYSICS 7B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	MATH 17A	Calculus for BioSci	(4)	  MATH 121 	
MATH 17C Calculus for BioSci  OR  OR  MATH 21A Calculus  MATH 21B Calculus  PHYSICS 7A General Physics  PHYSICS 7B General Physics  General Physics  (4) PHYS 108B General Physics I (4) PHYS 108A General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with (3)
MATH 21A Calculus (4) MATH 123 Analytic Geometry and (5) Calculus I  MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation
MATH 21B Calculus (4) MATH 124 Analytic Geometry and (5) Calculus II  PHYSICS 7A General Physics (4) PHYS 108A General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4) PHYS 108B General Physics I (4)	MATH 21A		(4)	  MATH 123	Analytic Geometry and (5)
PHYSICS 7A General Physics (4)   PHYS 108A $\underline{\pmb{\&}}$ General Physics I (4) PHYS 108B General Physics II (4) PHYSICS 7B General Physics II (4) PHYS 108A $\underline{\pmb{\&}}$ General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4)	MATH 21B	Calculus	(4)	  MATH 124 	Analytic Geometry and (5) Calculus II
PHYSICS 7B General Physics (4) PHYS 108A & General Physics I (4) PHYS 108B General Physics II (4)	PHYSICS 7A	General Physics	(4)		$\frac{\mathbf{k}}{2}$ General Physics I (4)
· · · · · · · · · · · · · · · · · · ·	PHYSICS 7B	General Physics	(4)	PHYS 108A	& General Physics I (4)
	PHYSICS 7C	General Physics	(4)	•	<del>-</del>

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	207A		(5)
PHYSICS 9B	Classical Physics	(5)	  PHYS 	207C	Properties of Matter Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	207В	<del>-</del>	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231 <u>&amp;</u>	Organic Chemistry I	(5)
			CHEM	232	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	232	Organic Chemistry II	(5)
	OR				OR	
CHEM 128A	Organic Chemistry		CHEM		Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	231 <u>&amp;</u>	Organic Chemistry I	(5)
			!	232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry		!	232	_	(5)
CHEM 129A	Organic Chem Lab	, ,		231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)		231 <u>&amp;</u>	_	(5)
			CHEM	232	Organic Chemistry II	(5)
MATH 21C	Calculus	RECOMMEI	NDED:	223	Analytic Geometry,	(5)
111111 210	Calcalab	(1)		223	Vector Analysis and Calculus III	(3)

END OF MAJOR

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

# Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

It is also <u>strongly recommended</u> 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 <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A		(5)
			BIOL	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	112A	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			  BIOL   	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CITEM OF	Conl Chomistry			121	Conomal Chemiaters I	/ E \
	Genl Chemistry Genl Chemistry		1	131	General Chemistry I General Chemistry I	(5) (5)
CUEM 2P	Geni Chemistry	(3)	CHEM		General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	•	231 <u>&amp;</u>		(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	232 231 <b>&amp;</b>		(5) (5)
CHEM OB		(1)	CHEM	_	Organic Chemistry II	(5)
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(1)	   CUEM	231	<b>OR</b> Organic Chemistry I	(5)
CHEM 118A	Org Chem, Hlth & Sci			231 &		(5)
CHEN 110D	org chem, men a ber	( 1 )	CHEM		Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM		Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	   MATH 	121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 	122		(3)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	123		(5)
MATH 21B	Calculus		  MATH 			(5)
	Principles Physics		NO CO			
PHYSICS 1B	Principles Physics	(3)			BLE COURSE	

		OR						OR			
PHYSICS	7A	General	Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)

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

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#### RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 132	General Chemistry II (5	)
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation	t
	OR		İ	OR	
MATH 21C	Calculus	(4)	MATH 223   	Analytic Geometry, (5 Vector Analysis and Calculus III	)
					_

END OF MAJOR

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

#### Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

\_\_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) | BIOL 112C Majors' Biology: (5) Molecules, Cells, Earth Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B <u>&</u> Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Majors' Biology: Molecules, Cells, Prokaryotes and Genetics

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		   	112A <u>&amp;</u>	Majors' Biology: (5) Animals, Protozoa, Evolution and Classification Majors' Biology: (5) Plants, Algae, Fungi and Ecology
	enl Chemistry enl Chemistry		CHEM	131 <b>&amp;</b>	General Chemistry I (5) General Chemistry I (5)
		(-,		132	
CHEM 2C G	enl Chemistry	(5)		132	General Chemistry II (5)
CHEM 8A O	organic Chem-Brief	(2)	CHEM	231 <b>&amp;</b>	Organic Chemistry I (5)
	5	, ,	СНЕМ		Organic Chemistry II (5)
CHEM 8B O	rganic Chem-Brief	(4)	:	231 <u>&amp;</u>	
	0.7		CHEM	232	Organic Chemistry II (5)
CHEM 118A	OR Org Chem, Hlth & Sci	(1)	  CHEM	221	OR Organic Chemistry I (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci		1	231 <b>&amp;</b>	Organic Chemistry I (5)
CHELL TIOD	org enem, men a ber	( - /	CHEM	_	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM		Organic Chemistry II (5)
 MATH 17A	Calculus for BioSci	(4)	  MATH	121	Calculus I with (3)
MAIII 1/A	carculus for Broser	(1)		121	Applications (5)
MATH 17B	Calculus for Biosci	(4)	MATH	122	Calculus II with (3)
					Applications
MATH 17C	Calculus for BioSci	(4)			RTICULATED: College has not
	O.D.		subm	itted c	ourse(s) for articulation
MATH 21A	OR Calculus	(1)	   M 20 177 LT	1 2 2	OR Analytic Geometry and (5)
MAIN ZIA	Calculus	(4)	  MAIU	143	Calculus I
MATH 21B	Calculus	(4)	MATH	124	Analytic Geometry and (5)
					Calculus II
	G 1 51 '			1007	
PHYSICS 7A	General Physics	(4)	:	108A &	General Physics I (4) General Physics II (4)
PHYSICS 7B	General Physics	(4)		108A &	<del>-</del>
11110100 70	deneral injures	( - )	:	108B	General Physics II (4)
PHYSICS 7C	General Physics	(4)	!		General Physics I (4)
	-		:	108B	General Physics II (4)
	recommended that students				
					ire UC Davis Physics 7A/B/C
	e transferring. Students was required to take				
	e required to take addition in the second in				
physics.	TIT HEED TO MEET WITH A OV	с Ба	VID a	AVIBOI .	Deloie continuing with
	RECOMMENDED COUR	KSES	FOR '	THIS MA	JOR:
MATH 21C	Calculus	(4)	MATH	223	Analytic Geometry, (5) Vector Analysis and

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

Calculus III

# Special Advising Note:

END OF MAJOR

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

#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

### Special Advising Note:

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

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

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

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

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

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## Transfer Admission Guarantee (TAG) Note:

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

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#### General Education (GE) Note:

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

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

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

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

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

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END OF MAJOR

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

## Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

#### Special Advising Note:

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

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

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

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

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

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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.

\_\_\_\_\_

## General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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END OF MAJOR

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

Special Advising Note:

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

at UC Davis.

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

Mathematics 16A/B or 17A/B or 21A/B Chemistry 2A/B/C Biological Sciences 2A or 2B or 2C (series completion highly recommended)

- --A minimum of one course comparable to a UC Davis Biological Sciences 2 series course must be completed with a B grade or higher for admission.
- --If multiple courses are required to satisfy one UC Davis Biological Sciences 2 series course, each of those courses must be completed and the GPA for those courses must be 3.00 or higher.
- --If courses comparable to two UC Davis Biological Sciences 2 series courses or the entire Biological Sciences 2 series are completed, a group GPA of 2.50 or higher is required.

We <u>strongly encourage</u> 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 <u>strongly recommended</u> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

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BIOLSCI 2A Intro Biology:Life on (5)|BIOL 112C Majors' Biology: Earth Molecules, Cells, Prokaryotes and Genetics

BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 112A & Majors' Biology:   Animals, Protozoa,   Evolution and   Classification	(5)
		BIOL 112B & Majors' Biology:   Plants, Algae, Fungi   and Ecology	(5)
		BIOL 112C Majors' Biology:   Molecules, Cells,   Prokaryotes and	(5)
BIOLSCI 2C Intro Biology:  Biodiversity & the Tree of Life		Genetics  BIOL 112A & Majors' Biology:   Animals, Protozoa,   Evolution and	(5)
		Classification  BIOL 112B Majors' Biology:   Plants, Algae, Fungi   and Ecology	(5)
BIOTECH 1Y Introduction to Biotechnology	(4)	NO COURSE ARTICULATED: College has  submitted course(s) for articulatio	
CHEM 2A Genl Chemistry	(5)	CHEM 131 General Chemistry I	(5)
CHEM 2B Genl Chemistry	(5)	CHEM 131 & General Chemistry I	(5)
CHEM 2C Genl Chemistry	(5)	CHEM 132   General Chemistry II   CHEM 132   General Chemistry II	(5) (5)
		· 	
CHEM 8A Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I  CHEM 232 Organic Chemistry II	(5) (5)
CHEM 8B Organic Chem-Brief	(4)	CHEM 231 & Organic Chemistry I	(5)
	( - /	CHEM 232 Organic Chemistry II	(5)
OR	( 4 )	OR	<i>(</i> <b>-</b> <i>)</i>
CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci		CHEM 231 Organic Chemistry I  CHEM 231 & Organic Chemistry I	(5) (5)
CHEM 110B OIG CHEM, HICH & SCI	(1)	<u>-</u>	(5)
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 232 Organic Chemistry II	(5)
OR CHEM 128A Organic Chemistry	(3)	OR  CHEM 231 Organic Chemistry I	(5)
CHEM 128B Organic Chemistry		CHEM 231 & Organic Chemistry I	(5)
		CHEM 232 Organic Chemistry II	(5)
CHEM 128C Organic Chemistry		CHEM 232 Organic Chemistry II	(5)
CHEM 129A Organic Chem Lab	(2)	CHEM 231 Organic Chemistry I	(5)
f) MATH 16A Short Calculus	(3)	' <del>-</del>	(3)
		Applications  MATH 122 Calculus II with	(3)
		Applications	(5)
		<u>OR</u>  MATH 123 & Analytic Geometry and	(5)
		Calculus I	(3)
		MATH 124 Analytic Geometry and   Calculus II	(5)
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with	(3)
		Applications  MATH 122 Calculus II with	(3)
		Applications	. ,
		<u>OR</u>  MATH 123 & Analytic Geometry and	(5)
		_ Calculus I	
OR		MATH 124 Analytic Geometry and   Calculus II   OR	(5)
MATH 17A Calculus for BioSci	(4)	MATH 121 Calculus I with	(3)

						Applications	
MATH 17B	Calculus for Biosc	:i (4)	MATH	122		Calculus II with	(3)
						Applications	
	OR					OR	
MATH 21A	Calculus	(4)	MATH	123		Analytic Geometry and	(5)
						Calculus I	
MATH 21B	Calculus	(4)	MATH	124		Analytic Geometry and	(5)
						Calculus II	
PHYSICS 7A	General Physics	(4)	PHYS	108A	<u>&amp;</u>	General Physics I	(4)
			PHYS	108B		General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYS	108A	<u>&amp;</u>	General Physics I	(4)
			PHYS	108B		General Physics II	(4)
Tt is highly	recommended that	atudenta cor	mnlata	a an d	an t	ire physics series at	

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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COURSEWORK FOR E	BIOIN	FORMATICS OP	TION:	
ENG CS 20 C Sci/Discrete Math	(4)	COMP 117 Same as:	Discrete Mathematics	(3)
		MATH 117	Discrete Mathematics	(3)
ENG CS 36A Programming Formerly ENG CS 30	(4)	COMP 130   	Introduction to Computer Programming Using C++	(4)
		<u>OR</u>  COMP 135 	Introduction to Programming in Java	(4)
RESTRICTED ELECTIVES FO	R BI	OINFORMATICS	OPTION:	
ENG CS 36B Object-Oriented Program Formerly ENG CS 40	(4)	COMP 232 	Advanced Programming in JAVA	(4)
		OR		
		COMP 235	Advanced Programming in C++	(4)
ENG CS 36C Data Structures Formerly ENG CS 60	(4)	COMP 220	Data Structures and Algorithms	(3)
ENG CS 50 Machine Dependent Prog	(4)	COMP 160   	Computer Organization: An Assembly Language Perspective	(3)

END OF MAJOR

# f) This articulation is "series for series" only.

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

# Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A <u>8</u>		(5)
			BIOL   	112B <u>8</u>	Plants, Algae, Fungi and Ecology	(5)
			BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL   	112A <u>8</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	   CHEM	131	General Chemistry I	(5)
	Genl Chemistry				General Chemistry I	(5)
a	a 7 a1 ' .	<i>(</i> <b>-</b> <i>)</i>	CHEM		General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 	132 	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	231 <u>&amp;</u>	Organic Chemistry I	(5)
		( 4 )	1	232	Organic Chemistry II	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	231 <u>&amp;</u>	Organic Chemistry I Organic Chemistry II	(5) (5)
	OR			252	OR	(3)
CHEM 118A	Org Chem, Hlth & Sci		CHEM		Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	:	231 &		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM  CHEM		Organic Chemistry II Organic Chemistry II	(5) (5)
MATH 17A	Calculus for BioSci	(4)	MATH		Calculus I with Applications	(3)
MATH 17B					Calculus II with Applications	(3)
MATH 17C	Calculus for BioSci OR	(4)			ARTICULATED: College has course(s) for articulation OR	
MATH 21A		(4)	  MATH 		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus		j	124	Analytic Geometry and Calculus II	(5)
	General Physics		PHYS	108A &	& General Physics I	
	General Physics		PHYS	108B	General Physics II General Physics I	(4) (4)

PHYS 108B General Physics II (4) PHYS 108A  $\underline{\&}$  General Physics I (4)

| PHYS 108B General 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 223 Analytic Geometry, (5) | Vector Analysis and | Calculus III

END OF MAJOR

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

### Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

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

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

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

complete them after enrolling at UC Davis.

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

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

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# Transfer Admission Guarantee (TAG) Note:

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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END OF MAJOR

#### ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

		(5)	CHEM 131 General Chemistry I (5)   CHEM 131 & General Chemistry I (5)   CHEM 132 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR		CHEM 132   General Chemistry II (5)   OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
СНЕМ 2СН	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
PHYSICS 9A	Classical Physics	(5)	PHYS 207A Mechanics and (5)   Properties of Matter
PHYSICS 9B	Classical Physics	(5)	PHYS 207C Heat, Light, Sound (5) and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 207B Electricity and (5) Magnetism
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE
MATH 21A	Calculus	(4)	MATH 123 Analytic Geometry and (5)
MATH 21B	Calculus	(4)	MATH 124 Analytic Geometry and (5)   Calculus II
MATH 21C	Calculus	(4)	MATH 223 Analytic Geometry, (5)   Vector Analysis and   Calculus III
MATH 21D	Vector Analysis	(4)	MATH 224 Elementary (4)   Differential Equations
MATH 22A	Linear Algebra	(3)	MATH 116 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 224 Elementary (4)   Differential Equations

CHEM 128A Organic Chemistry (3) CHEM 231 Organic Chemistry I (5)
CHEM 128B Organic Chemistry (3) CHEM 231 Organic Chemistry I (5)

CHEM 128B Organic Chemistry I (5) CHEM 232 Organic Chemistry II (5)
CHEM 129A Organic Chem Lab (2) CHEM 231 Organic Chemistry I (5)

END OF MAJOR

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

## Special Advising Note:

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

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

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

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

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

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

# College Foreign Language Requirement Note:

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

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

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

CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry (5) CHEM 131 General Chemistry I (5) (5) CHEM 131 & General Chemistry I

CHEM 2C Genl Chemistry OR	(5)	CHEM 132   General Chemistry II (5   CHEM 132   General Chemistry II (5   OR	-
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot
CHEM 2CH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ot 
PHYSICS 7A General Physics	(4)	PHYS 108A & General Physics I (4   PHYS 108B General Physics II (4   PHYS 108B General Physics II (4   PHYS	
PHYSICS 7B General Physics	(4)	PHYS 108B   General Physics II   (4   PHYS 108A & General Physics I   (4   PHYS 108B   General Physics II   (4	4)
PHYSICS 7C General Physics	(4)	PHYS 108A & General Physics I (4   PHYS 108B General Physics II (4   PHY	
It is highly recommended that students their community college that is equivaries before transferring. Students a series may be required to take additionable Davis, and will need to meet with a Unphysics.	alent who tonal	t to the entire UC Davis Physics 7A/B/ transfer without completing an entire physics courses upon arrival at UC	/C
OR	<i>(</i> <b>-</b> <i>)</i>	OR	- 、
PHYSICS 9A Classical Physics		Properties of Matter	
_		PHYS 207C Heat, Light, Sound (5 and Modern Physics	
PHYSICS 9C Classical Physics	(5)	PHYS 207B   Electricity and (5   Magnetism	5)
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with (3	3)
		MATH 122 Calculus II with (3   Applications   OR	3)
		MATH 123 & Analytic Geometry and (5	5)
		MATH 124 Analytic Geometry and (5	5)
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with (3 Applications	3)
		:	3)
		MATH 123 & Analytic Geometry and (5	5)
		MATH 124   Analytic Geometry and (5   Calculus II	5)
f) MATH 16C Short Calculus	(3)	!	3)
		MATH 122 Calculus II with (3   Applications	3)
		$  \frac{OR}{MATH}  $ Analytic Geometry and (5)	5)
		Calculus I  MATH 124 Analytic Geometry and (5	5)
OR		OR	
MATH 17A Calculus for BioSci		Applications	3)
MATH 17B Calculus for Biosci		Applications	3)
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	

	OR				OR	
MATH 21A	Calculus	(4)	MATH	123	Analytic Geometry and	(5)
					Calculus I	
MATH 21B	Calculus	(4)	MATH	124	Analytic Geometry and	(5)
					Calculus II	
MATH 21C	Calculus	(4)	MATH	223	Analytic Geometry,	(5)
					Vector Analysis and	
					Calculus III	
CHEM 128A	Organic Chemistry		CHEM		Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	231 8	Organic Chemistry I	(5)
			CHEM	232	Organic Chemistry II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM	232	Organic Chemistry II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	231	Organic Chemistry I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	231 8	Organic Chemistry I	(5)
			CHEM	232	Organic Chemistry II	(5)

END OF MAJOR

# f) This articulation is "series for series" only.

### ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHEM 2A	Genl Chemistry		CHEM 131 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & General Chemistry I (5)
CLIEM OC	Caral Chaminton	<b>/ F</b> \	CHEM 132   General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 132   General Chemistry II (5)   OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH	Honors Genl Chemistry		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 207A Mechanics and (5)
			Properties of Matter
PHYSICS 9B	Classical Physics	(5)	PHYS 207C Heat, Light, Sound (5)
DIMIGEGG 0G	al ' l pl '	<i>(</i> <b>-</b> <i>)</i>	and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 207B Electricity and (5)   Magnetism
			Magnetism
MATH 21A	Calculus	(4)	MATH 123 Analytic Geometry and (5)
			Calculus I
MATH 21B	Calculus	(4)	MATH 124 Analytic Geometry and (5)
MATH 21C	Calculus	(1)	Calculus II MATH 223 Analytic Geometry, (5)
MAIH ZIC	Calculus	(4)	Vector Analysis and
			Calculus III
MATH 21D	Vector Analysis	(4)	MATH 224 Elementary (4)
			Differential Equations
MATH 22A	Linear Algebra		MATH 116 Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has not
MATH 22B	Differntl Equations	(3)	submitted course(s)for articulation  MATH 224
MAIH ZZB	DIFFERENCE Equacions	(3)	Differential Equations
CHEM 128A	Organic Chemistry		CHEM 231 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I (5)
GIEM 100G	Oranga da Chamiatan	(2)	CHEM 232 Organic Chemistry II (5)
CHEM 128C CHEM 129A	Organic Chemistry Organic Chem Lab		CHEM 232 Organic Chemistry II (5)  CHEM 231 Organic Chemistry I (5)
CHEM 129A CHEM 129B	Organic Chem Lab		CHEM 231 & Organic Chemistry I (5)
	- · J	\_/	CHEM 232 Organic Chemistry II (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 232 Organic Chemistry II (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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHEM 131 General Chemistry I (5) CHEM 132 General Chemistry I (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) OR OR OR

CHEM 2AH Honors Genl Chemistry (5) NO COMPARABLE COURSE CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not provided course(s) for articulation (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) PHYS 108A General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4)

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

	OR		OR	
PHYSICS 9A	Classical Physics	(5)   PHYS 207A 	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5) PHYS 207C	Heat, Light, Sound and Modern Physics	(5)

PHYSICS 9C	Classical Physics	(5)	PHYS 207	7B Electricity and (5) Magnetism
f) MATH 16A	Short Calculus	(3)	MATH 121	<u>&amp;</u> Calculus I with (3)
			  MATH 122 	Applications Calculus II with (3) Applications
			<u>OR</u>  MATH 123 	Calculus I
			MATH 124 	Analytic Geometry and (5) Calculus II
f) MATH 16B	Short Calculus	(3)	MATH 121	Calculus I with (3) Applications
			MATH 122	
			OR	Applicacions
			MATH 123	8 & Analytic Geometry and (5) Calculus I
			  MATH 124	
f) MATH 16C	Short Calculus	(3)	MATH 121	$\underline{\&}$ Calculus I with (3)
			MATH 122	• • •
			OD	Applications
			<u>OR</u>  MATH 123	
			  MATH 124	1 , ,
	OR			Calculus II <b>OR</b>
MATH 17A	Calculus for BioSci	(4)	  МАТН 121	Calculus I with (3)
			j	Applications
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with (3) Applications
MATH 17C	Calculus for BioSci	(4)	NO COURS	SE ARTICULATED: College has not
	OR			ed course(s) for articulation  OR
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and (5)
MATH 21B	Calculus	(4)	  MATH 124	Calculus I Analytic Geometry and (5)
MATH 21C	Calculus	(4)	  MATH 223	Calculus II  Analytic Geometry, (5)
FM1111 21C	Carcarab	(1)		Vector Analysis and Calculus III
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 112	
	Earth			Molecules, Cells, Prokaryotes and
				Genetics
STATIST 13	Elementary Statistics	 ( <u>4</u> )	QTAT 115	Introduction to (4)
	STATIST 13Y	(1)	į	Statistics
			<u>OR</u>  MATH 115	Probability and (4)
	-			Statistics
STATIST 32	OR Gateway to Data Science	(4)	  NO COMPA	OR ARABLE COURSE
	Orac Char III the Committee		OHEM 021	Organia Charisters T. (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci			$\underline{\&}$ Organic Chemistry I (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232  CHEM 232	

	OR					OI	₹		
CHEM 128A	Organic Chemistry	(3)	CHEM	231		Organic	Chemistry	I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	231	<u>&amp;</u>	Organic	Chemistry	I	(5)
			CHEM	232		Organic	Chemistry	II	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM	232		Organic	Chemistry	II	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	231		Organic	Chemistry	I	(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	231	<u>&amp;</u>	Organic	Chemistry	I	(5)
			CHEM	232		Organic	Chemistry	II	(5)

END OF MAJOR

#### f) This articulation is "series for series" only.

# ====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  $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$  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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# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHEM 2A	Genl Chemistry	(5) CHEM 131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 131 <u>&amp;</u>	General Chemistry I	(5)
		CHEM 132	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 132	General Chemistry II	(5)

OR		OR
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry		NO COMPARABLE COURSE  NO COURSE ARTICULATED: College has not
CHEM ZBH HOHOLS GEHL CHEMISTLY	(3)	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 108A & General Physics I (4)   PHYS 108B General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYS 108B   General Physics II (4)   PHYS 108A & General Physics I (4)
DIVIGING TO COMPANY DESCRIPTION	(4)	PHYS 108B General Physics II (4)
PHYSICS 7C General Physics	(4)	PHYS 108A & General Physics I (4)  PHYS 108B General Physics II (4)
It is highly recommended that student		mplete an entire physics series at
their community college that is equiv series before transferring. Students		t to the entire UC Davis Physics 7A/B/C transfer without completing an entire
series may be required to take additi	onal	physics courses upon arrival at UC
Davis, and will need to meet with a U physics.	IC Da	vis advisor before continuing with
OR		OR
PHYSICS 9A Classical Physics	(5)	PHYS 207A Mechanics and (5)   Properties of Matter
PHYSICS 9B Classical Physics	(5)	PHYS 207C Heat, Light, Sound (5)
PHYSICS 9C Classical Physics	(5)	and Modern Physics  PHYS 207B Electricity and (5)
THISTES JE CLASSICAL THYSICS	(3)	Magnetism
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with (3)
I, MIII 1011 BHOLE CAICALAS	(3)	Applications
		MATH 122 Calculus II with (3)   Applications
		OR
		MATH 123 & Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5)
f) MATH 16B Short Calculus	(2)	Calculus II MATH 121 & Calculus I with (3)
1) MATH 10B SHOLE CALCULUS	(3)	Applications (3)
		MATH 122   Calculus II with (3)
		Applications   <mark>OR</mark>
		MATH 123 & Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5)
f) MATH 16C Short Calculus	(2)	Calculus II MATH 121 & Calculus I with (3)
1) PATH 10C BHOLC CALCULUS	(3)	Applications (3)
		MATH 122 Calculus II with (3)   Applications
		OR
		MATH 123 & Analytic Geometry and (5)
		Calculus I MATH 124 Analytic Geometry and (5)
O.D.		Calculus II
<b>OR</b> MATH 17A Calculus for BioSci	(4)	OR  MATH 121 Calculus I with (3)
MARIE 17D G-1 5- 5' '	/ / \	Applications
MATH 17B Calculus for Biosci	(4)	MATH 122   Calculus II with (3)   Applications
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
OR		submitted course(s) for articulation   OR
MATH 21A Calculus	(4)	MATH 123 Analytic Geometry and (5)

				Calculus I
MATH 21B	Calculus	(4)	  MATH 124 	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, (5)
				Vector Analysis and
			 	Calculus III
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 112C	Majors' Biology: (5)
	Earth		j	Molecules, Cells,
				Prokaryotes and
			 	Genetics
ENV TOX 20	Introduction to	(3)	NO COURSE	ARTICULATED: College has not
	Forensic Science		submitted	course(s) for articulation
STATIST 13	Elementary Statistics	(4)	  STAT 115	Introduction to (4)
	STATIST 13Y		j	Statistics
			OR	
			MATH 115	( _ ,
	-			Statistics
~=====	OR	( 4 )		OR
STATIST 32	Gateway to Data Science	(4)	NO COMPAR 	ABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 231	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 231	
			CHEM 232	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 232	<del>-</del>
	OR			OR
CHEM 128A	Organic Chemistry	. ,	CHEM 231	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 231	
CHEM 128C	Organia Chamiatari	(2)	CHEM 232  CHEM 232	Organic Chemistry II (5) Organic Chemistry II (5)
CHEM 129A	Organic Chemistry Organic Chem Lab		CHEM 232	Organic Chemistry II (5) Organic Chemistry I (5)
CHEM 129A CHEM 129B	Organic Chem Lab		CHEM 231	<del>-</del>
	organic chem hab	( ᠘ )	CHEM 231	Organic Chemistry II (5)
			10111111 232	organic chemipery if (3)

END OF MAJOR

#### f) This articulation is "series for series" only.

# ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHICANO	10	Intro to Chic Std	(4) NO	COMPARABLE	COURSE	
CHICANO	50	Chicano Culture	(4) NO	COMPARABLE	COURSE	
CHICANO	21	Hlth Care Issues	(4) NO	COMPARABLE	COURSE	
		OR			OR	
CHICANO	40	Comparative Health	(4) NO	COMPARABLE	COURSE	

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano Representn in Cinema	(4) NO COMPARABLE COURSE
CHICANO 65	New Latin American Cinema	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4) NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE
SPANISH 1	Elementary Spanish	(5) SPAN 101 Elementary Spanish I (4)
SPANISH 2	Elementary Spanish	(5) SPAN 101 & Elementary Spanish I (4)
		SPAN 102   Elementary Spanish II (4)
SPANISH 3	Elementary Spanish	(5) SPAN 102 Elementary Spanish II (4)
	OR	OR
SPANISH 28	Inter Conversation	(2) NO 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 MAJO	OR .	

# ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHICANO 10 Intro to Chic Std (4) NO COMPARABLE COURSE
CHICANO 50 Chicano Culture (4) NO COMPARABLE COURSE

CHICANO 21 Hlth Care Issues (4) NO COMPARABLE COURSE
OR | OR
CHICANO 40 Comparative Health (4) NO COMPARABLE COURSE

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# ONE COURSE FROM THE FOLLOWING:

CHICANO 60 Chicana and Chicano
Representn in Cinema

CHICANO 65 New Latin American
Cinema

CHICANO 70 Survey Chic Art
CHICANO 73 Art Expr Silk Scr

(4) NO COMPARABLE COURSE
| SUDMITTED: College has not submitted course(s) for articulation

(4) NO COMPARABLE COURSE

(4) NO COMPARABLE COURSE

ONE COURSE FROM THE FOLLOWING:

Methods	submitted course(s) for articulation
1) PSYCH 41 Research Methods	(4) PSY 205 Introduction to (3)
	Research Methods
	Same as: ANTH 205, BEHS 205, SOC 205
1) SOCIOL 46A Intro Social Rsch	$(4) \mid PSY \ 205$ Introduction to (3)
	Research Methods
	Same as: ANTH 205, BEHS 205, SOC 205
SPANISH 1 Elementary Spanish	(5) SPAN 101 Elementary Spanish I (4)
SPANISH 2 Elementary Spanish	(5) SPAN 101 & Elementary Spanish I (4)
SPANISH Z Elementary Spanish	· · · !
	SPAN 102   Elementary Spanish II (4)
SPANISH 3 Elementary Spanish	(5) SPAN 102 Elementary Spanish II (4)
OR	OR
SPANISH 28 Inter Conversation	(2) NO 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	

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

#### ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

x)	CHINESE	1	Elem Chi	nese	9		(5)	СН] 	IN 1		Elementary Mandarin I	(4)
x)	CHINESE	2	Elem Chi	nese	3		(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	3	Elem Chinese				(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	4	Inter Chinese			(5)	NO	COM	/IPARABL	E COURSE		
x)	CHINESE	5	Inter Chinese				(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	6	Inter Ch	ines	se		(5)	NO	COM	/IPARABL	E COURSE	
			OR								OR	
x)	CHINESE	1BL	Accl W	rtn	Chines	se I	(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	2BL	Accl W	rtn	Chines	se	(5)	NO	COM	/IPARABL	E COURSE	
			II									
x)	CHINESE	3BL	Accl W	rtn	Chines	se	(5)	NO	COM	/IPARABL	E COURSE	
			III									
			OR								OR	
x)	CHINESE	1CN	Mand/C	ant	Spkrs	I	(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	2CN	Mand/C	ant	Spkrs	II	(5)	NO	COM	/IPARABL	E COURSE	
x)	CHINESE	3CN	Mand/C	ant	Spkrs	III	(5)	NO	COM	/IPARABL	E COURSE	

# RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10 Modern Lit (in Engl)	(4) NO COMPARABLE COURSE
CHINESE 11 Gt Bks China (Engl)	(4) NO COMPARABLE COURSE
CHINESE 50 Intro to Literature	(4) NO COMPARABLE COURSE
Same as: JPNESE 50	
j) COMPLIT 14 Intro Poetry	(3) ENGL 212 Introduction to Poetry (3)
JPNESE 10 Masterworks in English	(4) NO COMPARABLE COURSE
LINGUIS 1 Intro Linguistics	(4) NO COMPARABLE COURSE
HISTORY 9A East Asian Civ	(4) NO COMPARABLE COURSE

END OF MAJOR

- ${\bf x})$  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.
- j) The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\frac{\text{General Catalog}}{\text{Constant}}$ . Quick reference charts for  $\frac{\text{AP}}{\text{Constant}}$  and  $\frac{\text{IB}}{\text{Constant}}$  are also available from our TAG website.

GINESES 12 Modic Computation (A) NO COURSE ARESON REPORTED. College has not

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

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

# Select two of the following courses:

CINE&TS 40A Media History I (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

CINE&TS 40B Media History 2 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

CINE&TS 41A Cinema Hist 1895-1945 (4) NO COURSE ARTICULATED: College has not course(s) for articulation

(4) NO COURSE ARTICULATED: College has not course(s) for articulation

the Present

FILM ST 45 Vampires

Same as: GERMAN 45

|submitted course(s)for articulation CINE&TS 41B Cinema Hist 1945 to (4) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation

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

#### Select two of the following courses:

FILM ST 1 Intro to Film Studies

Formerly Humanities 10

Studies TCULST 5 Media Archaeology (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

TCULST 1 Intro Technocultural (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

> (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation

END OF MAJOR

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

### Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

http://engineering.ucdavis.edu/transfer-credit-agreements/ \_\_\_\_\_\_

# Special Advising Note:

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

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

Any required courses that are offered at your current college must be completed by the close of spring term for fall enrollment at UC Davis. If required courses are not offered at your California Community College (i.e. those

identified on ASSIST as NO COMPARABLE COURSE or NO COURSE ARTICULATED), you must complete them after enrolling at UC Davis.

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

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

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

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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#### END OF MAJOR

# ====Classical Civilization (Classical & Mediterranean) A.B.=== Special Advising Note:

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

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

#### 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

#### TWO COURSES FROM THE FOLLOWING:

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

#### ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 101 History of Ancient Art (3)
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 10	Gr, Roman, N East Myth	(3)	NO COMPARABLE COURSE

CLASSIC 15 Women & Gender in	(4) NO COMPARABLE COURSE	
Classical Antiquity		
CLASSIC 20 Pompeii AD 79	(4) NO COMPARABLE COURSE	
CLASSIC 25 Classical America	(4) NO COURSE ARTICULATED: College ha	s not
	submitted course(s)for articulati	.on
CLASSIC 30 Word Roots	(3) NO COURSE ARTICULATED: College ha	s not
	submitted course(s)for articulati	.on
CLASSIC 31 Technical Word Roots	(3) NO COURSE ARTICULATED: College ha	s not
	submitted course(s)for articulati	.on
CLASSIC 40 Economy in Ancient Med	(4) NO COURSE ARTICULATED: College ha	s not
	submitted course(s)for articulati	.on
CLASSIC 50 Ancient Science	(4) NO COMPARABLE COURSE	
Same as: SCI&TEC 50		
COMPLIT 1 Major Books-Ancient	(4) ENGL 224 Survey of World	(3)
World	Literature I	
PHILOS 21 Phil Classics: Ancient	(4) PHIL 115 History of Philosophy	·: (3)
	Ancient	
REL STD 21 The Bible	(4) NO COMPARABLE COURSE	
REL STD 40 New Testament	(4) NO COMPARABLE COURSE	

#### END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

AND
AND

GREEK 1 Elem Greek (5) NO COMPARABLE COURSE
GREEK 2 Elem Greek (5) NO COMPARABLE COURSE
GREEK 3 Intermediate Greek (5) NO COMPARABLE COURSE

CLASSIC 1 N East/Early Gr (4) NO COMPARABLE COURSE

OR
CLASSIC 2 Anc Gr & Near East (4) NO COMPARABLE COURSE

OR
CLASSIC 3 Rome & The Mediter (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COMPARABLE COURSE

CLASSIC 4 Late Antiquity (4) NO COURSE ARTICULATED: College has not

|submitted course(s)for articulation

#### END OF MAJOR

#### ====Clinical Nutrition B.S.====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis  $\underline{\text{transfer admission website}}$ . 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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

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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 Discovery (AD) and Intermediated Description (ID) Exemination Natura

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4)	ENGL 	151	Reading and Composition (1B)	(4)
UWRITING 1	<b>OR</b> Expository Writing	(4)	  ENGL 	150	OR Reading and Composition (1A)	(4)
COMUNCN 1	Intro Public Spkg	(4)	SPCH	122	Public Speaking	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	   	112A <u>8</u>	Animals, Protozoa, Evolution and Classification	(5)

			    BIOL   	1120	Plants, Algae, Fungi and Ecology Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics
CHEM 2A	Genl Chemistry	(5)	CHEM	131	General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM CHEM		<pre>General Chemistry I (5) General Chemistry II (5)</pre>
CHEM 2C	Genl Chemistry	(5)	CHEM		- · · · · · · · · · · · · · · · · · · ·
CHEM 8A	Organic Chem-Brief	(2)	CHEM	231	& Organic Chemistry I (5)
			CHEM		2
CHEM 8B	Organic Chem-Brief	(4)	CHEM   CHEM		Organic Chemistry I (5) Organic Chemistry II (5)
ECON 1A	Princ of Microecon	(4)	ECON	102	Principles of (3)
	OR		 		Microeconomics OR
ECON 1B	~	(4)	  ECON 	101	Principles of (3) Macroeconomics
PSYCH 1	General Psychology	(4)	PSY   	110	Introduction to (3) Psychology
SOCIOL 1		(5)	SOC	110	Sociology
SOCIOL 3	OR Social Problems OR	(4)	  soc : 	112	OR Modern Social Problems (3) OR
ANTHRO 2	Cultural Anthropology	(5)	ANTH	102	
	Elementary Statistics : STATIST 13Y	(4)			Introduction to (4) Statistics
			<u>0</u> 1  MATH 	_	Probability and (4) 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 <a href="mailto:transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

LINGUIS 1 Intro Linguistics	(4)	NO COMPARABLE COURSE
COG SCI 1 Intro Cognitive Science OR	(4)	NO COURSE ARTICULATED   OR
PHILOS 10 Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 12 Intro to Symbol Logic	(4)	PHIL 112 Introduction to Logic (3)
PHILOS 13G Minds, Brains Comp	(4)	NO COURSE ARTICULATED: College has not
w/Disc	İ	submitted course(s)for articulation
PSYCH 1 General Psychology	 (4)  	PSY 110 Introduction to (3) Psychology
1) PSYCH 41 Research Methods	(4)	PSY 205 Introduction to (3)
		Research Methods
		Same as: ANTH 205, BEHS 205, SOC 205
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)  	STAT 115 Introduction to (4)
		<u>OR</u>  MATH 115 Probability and (4)   Statistics

END OF MAJOR

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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Emphasis	1: Co	mputational		
ENG CS 20 C Sci/Discrete Math	(4)	COMP 117	Discrete Mathematics	(3)
		Same as:		
		OR		
		MATH 117	Discrete Mathematics	(3)
		Same as:		
ENG CS 32A Intro to Programming(4)		COMP 130	Introduction to	(4)
Formerly ENG CS 10		ļ	Computer Programming	
			Using C++	
OR			OR	
ENG CS 36A Programming	(4)	COMP 130	Introduction to	(4)
Formerly ENG CS 30		 	Computer Programming	
		İ	Using C++	
		OR		
		COMP 135	Introduction to	(4)
			Programming in Java	( - )
ENG CS 34 UNIX & C++	(5)	NO COURSE A	_	
OR	, ,	j	OR	
ENG CS 36B Object-Oriented Program	(4)	COMP 232	Advanced Programming	(4)
Formerly ENG CS 40		j	in JAVA	
		İ		
		OR		
		COMP 235	Advanced Programming	(4)

ENG CS 50 Machine Dependent Prog	(4)	  COMP 160 	in C++ Computer Organization: An Assembly Language Perspective	(3)
ENG CS 32B Intro to Data Structures	(4)	1	-	
OR ENG CS 36C Data Structures Formerly ENG CS 60			OR Data Structures and Algorithms	
LINGUIS 1 Intro Linguistics				
MATH 17A Calculus for BioSci	(4)	  MATH 121 	Calculus I with Applications	(3)
MATH 17B Calculus for Biosci	(4)	MATH 122 	Calculus II with Applications	(3)
OR MATH 21A Calculus	(4)	  MATH 123 	OR Analytic Geometry and Calculus I	(5)
MATH 21B Calculus	(4)	İ	Analytic Geometry and Calculus II	
MATH 22A Linear Algebra MATH 22AL Lin Alg Comp Lab		MATH 116  NO COURSE	Linear Algebra	(3) s not
COG SCI 1 Intro Cognitive Science OR	(4)	  NO COURSE 	ARTICULATED  OR	
PHILOS 10 Intro Cognitive Science	(4)	submitted		
PHILOS 12 Intro to Symbol Logic PHILOS 13G Minds, Brains Comp w/Disc		PHIL 112  NO COURSE  submitted	Introduction to Logic ARTICULATED:College has course(s)for articulation	not
PSYCH 1 General Psychology	(4)	PSY 110	Introduction to Psychology	(3)
1) PSYCH 41 Research Methods	(4)	PSY 205 	Introduction to Research Methods :: ANTH 205, BEHS 205, SC	(3)
		Salle as		
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	į	Introduction to Statistics	(4)
		<u>OR</u>  MATH 115 	Probability and Statistics	
 Emphasi	ls 2:	Neuroscier	 .ce	
BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOL 112C   	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	  BIOL 112A   		(5)
		BIOL 112B	<u>&amp;</u> Majors' Biology: Plants, Algae, Fungi	(5)
		  BIOL 112C	<pre>and Ecology Majors' Biology: Molecules, Cells,</pre>	(5)
		   	Prokaryotes and Genetics	

	Biodiversity & the Tree of Life		      BIOL 112B 	Animals, Protozoa, Evolution and Classification Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
LINGUIS 1	Intro Linguistics	(4)	NO COMPARA	ABLE COURSE	
MATH 17A	Calculus for BioSci	(4)	  MATH 121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 122 		(3)
MATH 17C		(4)	•	ARTICULATED: College has course(s) for articulati	
MATH 21A	OR Calculus	(4)	  MATH 123 	OR Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	  MATH 124		(5)
MATH 21C	Calculus	(4)	MATH 223   		(5)
COG SCI 1 In	ntro Cognitive Science OR	(4)	NO COURSE 	ARTICULATED OR	
PHILOS 10	Intro Cognitive Science	(4)		ARTICULATED: College has course(s)for articulation	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		ARTICULATED:College has course(s)for articulatio	
PHYSICS 7A	General Physics	(4)	PHYS 108A  PHYS 108B		(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS 108A	& General Physics I	(4)
PHYSICS 7C	General Physics	(4)	PHYS 108B   PHYS 108A   PHYS 108B	<pre>General Physics I General Physics II</pre>	(4) (4) (4)
PHYSICS 9A	<b>OR</b> Classical Physics	(5)	  PHYS 207A	OR Mechanics and	(5)
PHYSICS 9B	Classical Physics	(5)	  PHYS 207C 	Properties of Matter Heat, Light, Sound and Modern Physics	(5)
			PHYS 207B		(5)
	General Psychology		!	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	PSY 205 	Introduction to Research Methods s: ANTH 205, BEHS 205, SO	(3) C 205
STATIST 13	Elementary Statistics STATIST 13Y			Introduction to Statistics	(4)
			<u>OR</u>  MATH 115 	Probability and Statistics	(4)

END OF MAJOR

<sup>1)</sup> The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept

#### ====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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanged Discovert (AD) and International Paggalaureate (ID) Evenination Note:

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

ANTHRO 4 Anthro Linguistics (4) NO COMPARABLE COURSE
OR | OR
LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

COMUNCN 1 Intro Public Spkg (4) SPCH 122 Public Speaking (3)

COMUNCN 1 INTRO PUBLIC Spring (4) SPCH 122 PUBLIC Speaking OR

COMUNCN 3 Intprsnl Com Cmpetnce (4) NO COMPARABLE COURSE OR

COMUNCN 5 Global English Comm (4) NO COURSE ARTICULATED: College has not same as: LINGUIS 5 submitted course(s) for articulation

OR			OR	
LINGUIS 5 Global English Comm	(4)	NO COURSE	ARTICULATED: College has a	not
Same as: COMUNCN 5		submitted	course(s)for articulation	n
COMUNCN 10Y Intro to Communication	(4)		ARTICULATED: College has course(s)for articulation	
B) ENG CS 15 Intro to Computers	(4)	CIS 110 	Introduction to Computer Information Systems	(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.

OR		OR	
PHILOS 12 Intro to Symbol Logic	(4) PHIL 112	Introduction to Logic	(3)
PSYCH 1 General Psychology	(4) PSY 110 	Introduction to Psychology	(3)
SOCIOL 1 Intro Sociology	(5) SOC 110	Introduction to Sociology	(3)
SOCIOL 46B Intro Social Rsch OR	(5) NO COMPARA	BLE COURSE OR	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) STAT 115	Introduction to Statistics	(4)
	<u>OR</u>  MATH 115 	Probability and Statistics	(4)

END OF MAJOR

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

# ====Community and Regional Development B.S.==== Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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#### Education(GE) Note:

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

# TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4) SPCH 122	Public Speaking	(3)
COMPLIT 1	Major Books-Ancient	(4) ENGL 224	Survey of World	(3)
	World	İ	Literature I	
COMPLIT 2	Major Books-Middle Ages	(4) ENGL 224 &	Survey of World	(3)

to Enlightenment Literature I	
ENGL 225 Survey of World	(3)
Literature II	
COMPLIT 3 Major Books-The Modern (4) ENGL 225 Survey of World	(3)
Crisis Literature II	
COMPLIT 4 Maj Books:Cont Wrld (4) NO COMPARABLE COURSE	
ENGLISH 3 Intro to Lit (4) ENGL 151 Reading and	(4)
Composition (1B)	
N A STD 5 Intro NA Literature (4) NO COURSE ARTICULATED: College has	not
submitted course(s) for articulat:	.on
UWRITING 1 Expository Writing (4) ENGL 150 Reading and	(4)
Composition (1A)	
UWRITING 48 Style in the Essay (4) ENGL 155 Critical Thinking and	(4)
Formerly UWRITING 18 Composition	
UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE	
Formerly UWRITING 19	
CMCDCDE 1 The Community (A) NO COMPARADIE COIDE	
CM&RGDE 1 The Community (4) NO COMPARABLE COURSE	
CM&RGDE 2 Ethnicity Amer Comm (4) NO COMPARABLE COURSE	
PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE	
OR OR	
B) ENG CS 15 Intro to Computers (4) CIS 110 Introduction to	(3)
Computer Information	
Systems	

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 102 	Principles of Microeconomics	(3)
	OR		İ	OR	
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(5)	  ANTH 102 	Introduction to Cultural Anthropology	(3)
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOC 110	Introduction to Sociology	(3)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	  STAT 115 	Introduction to Statistics	(4)
			OR		
			MATH 115	Probability and Statistics	(4)
	OR			OR	
STATIST 32		(4)	NO COMPARA	BLE COURSE	
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE 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.

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

COMPLIT	1	Major Books-Ancient World OR	(4)	ENGL   	224	Survey of World Literature I <b>OR</b>	(3)
COMPLIT	2	Major Books-Middle Ages to Enlightenment	(4)	ENGL	224 8	Survey of World Literature I	(3)
				ENGL	225	Survey of World Literature II	(3)
COMPLIT	3	Major Books-The Modern Crisis OR	(4)	ENGL   	225	Survey of World Literature II <b>OR</b>	(3)
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO CO	OMPARA	ABLE COURSE	

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

COMPLIT	1	Major Books-Ancient	(4)	ENGL 224 Survey of World (3)
		World		Literature I
COMPLIT	2	Major Books-Middle Ages	(4)	ENGL 224 & Survey of World (3)
		to Enlightenment		Literature I
				ENGL 225 Survey of World (3)
				Literature II
COMPLIT	3	Major Books-The Modern	(4)	ENGL 225 Survey of World (3)
		Crisis		Literature II
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO COMPARABLE COURSE
COMPLIT	5	Fairy Tales, Fables,	(4)	NO COMPARABLE COURSE
		Parables		İ
COMPLIT	6	Myths & Legends	(4)	NO COMPARABLE COURSE
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
j) COMPI	LIT 1	4 Intro Poetry	(3)	ENGL 212 Introduction to Poetry (3)
COMPLIT	20	Humans & Natural World	(4)	NO COMPARABLE COURSE
COMPLIT	24	Animals in Literature	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
COMPLIT	25	Ethnic Writers	(4)	NO COMPARABLE COURSE
COMPLIT	53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
COMPLIT	53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT	53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
		World		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

j) The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.

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

# Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

College of Engineering applicants to fall 2019 should view the majors guide

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

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

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# Special Advising Note:

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

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

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

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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# General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

END OF MAJOR

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

### Special Advising Note:

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

### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

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

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

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

complete them after enrolling at UC Davis.

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

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

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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.

#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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

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END OF MAJOR

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

Special Advising Note:

# REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

Intersegmental Congral Education Transfer Curriculum (ICETC)/ HC Davis Congral

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

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

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

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MATH 21A	Calculus	(4)	  МАТН 123 	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124 	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223   	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 22A	Linear Algebra OR	(3)	MATH 116 	Linear Algebra <b>OR</b>	(3)
MATH 67 I	Modern Linear Algebra	(4)	!	RTICULATED: College has ourse(s) for articulatio	
ENG CS 20	C Sci/Discrete Math	(4)	COMP 117 Same as:		(3)
			MATH 117   Same as:	Discrete Mathematics	(3)
	Programming ENG CS 30	(4)	COMP 130   	Introduction to Computer Programming Using C++	(4)
			   <u>OR</u>  COMP 135	Introduction to	(4)
	Object-Oriented Program ENG CS 40	(4)	  COMP 232	Programming in Java Advanced Programming in JAVA	(4)
			OR		
			COMP 235	Advanced Programming in C++	(4)
	Data Structures ly ENG CS 60	(4)	COMP 220 	Data Structures and Algorithms	(3)
ENG CS 50	Machine Dependent Prog	(4)	COMP 160   	Computer Organization: An Assembly Language Perspective	(3)

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

THREE OF THE FOLLOWING COURSES:

BIOLSCI 2	2A	Intro Biology:Life on Earth	(5)	BIOL   	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2	2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL	112B	<u>&amp;</u>	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2	2C	Intro Biology:	(5)	BIOL	112A	&	Majors' Biology:	(5)

	Biodiversity & the Tree	Animals, Protozoa,	
	of Life		Evolution and
			Classification
			BIOL 112B Majors' Biology: (5)
			Plants, Algae, Fungi
			and Ecology
CHEM 2A	Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 131 & General Chemistry I (5)
			CHEM 132 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 132 General Chemistry II (5)
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
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 207A Mechanics and (5)
			Properties of Matter
PHYSICS 9B	Classical Physics	(5)	PHYS 207C Heat, Light, Sound (5)
			and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 207B Electricity and (5)
			Magnetism

#### END OF MAJOR

#### ====Design 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

DESIGN 1	Intro to Design	(4)	NO COMPARABLE COURSE
DESIGN 14	5	(4)	NO COMPARABLE COURSE
	OR		OR
DESIGN 21	Drafting and Perspective	(4)	NO COMPARABLE COURSE
DESIGN 15	Form & Color	(4)	ART 112 2-D Art Fundamentals (4)
	AND		AND
DESIGN 16	Graphics & The Computer	(4)	NO COMPARABLE COURSE
DESIGN 40A	Energy, Materials,	(4)	NO COURSE ARTICULATED: College has not
	Design		submitted course(s) for articulation
	OR		OR
DESIGN 40B	Ideologies of Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation

#### TWO COURSES FROM THE FOLLOWING:

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

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ART 12 Be	ginning Video	(4)	!	ARTICULATED: College has not
			submitted	course(s) for articulation
DESIGN 40A	Energy, Materials,	(4)	NO COURSE	ARTICULATED: College has not
	Design		submitted	course(s) for articulation
DESIGN 40B	Ideologies of Design	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s)for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARA	ABLE COURSE
UWRITING 11	Pop Sci & Technol	(4)	NO COURSE	ARTICULATED: College has not
	Wrtng	. ,	!	course(s)for articulation
	OR			OR
UWRITING 12				
	Writing/Visual	(4)	NO COURSE	ARTICULATED: College has not
	Writing/Visual Rhetoric	(4)	1	ARTICULATED: College has not course(s) for articulation
	_	(4)	1	ARTICULATED: College has not course(s)for articulation  OR
UWRITING 48	Rhetoric OR		submitted	course(s)for articulation OR
	Rhetoric OR Style in the Essay		submitted	course(s)for articulation  OR  Critical Thinking and (4)
	Rhetoric OR		submitted	course(s)for articulation OR
Formerly	Rhetoric  OR  Style in the Essay  UWRITING 18  OR	(4)	submitted    ENGL 155 	course(s)for articulation  OR  Critical Thinking and (4)  Composition  OR
Formerly	Rhetoric OR Style in the Essay UWRITING 18 OR Writing Research Papers	(4)	submitted    ENGL 155 	course(s)for articulation  OR  Critical Thinking and (4)  Composition  OR

END OF MAJOR

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  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)	ART 104 History of Asian Art (3)
CHINESE 7	Chinese Business Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COMPARABLE COURSE
CHINESE 11	Gt Bks China (Engl)	(4)	NO COMPARABLE COURSE
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(4)	NO COMPARABLE COURSE
	English)		
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE

Same	as:	CHINESE 50		
E ASIAN	88	Korean Society	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
REL STD	75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE

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

x)	CHINESE 1	Elem Chinese	(5)	CHIN	101		Elementary Mandarin I	Chinese		(4)
x)	CHINESE 2	Elem Chinese	(5)	NO CO	CAMPA	RABI	LE COURSE			
		OR					OR			
y)	JPNESE 1	Elem Japanese	(5)	JPNS	101		Elementary	Japanese	I	(4)
y)	JPNESE 2	Elem Japanese	(5)	JPNS	101	<u>&amp;</u>	Elementary	Japanese	I	(4)
				JPNS	102		Elementary	Japanese	ΙI	(4)

# END OF MAJOR

- $\mathbf{x}$ ) 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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

# Advanged Discount (AD) and Intermedianal Regardaments (ID) Eveningtian Notes

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL     	112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL   	112B <u>&amp;</u>	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	<pre>Intro Biology: Biodiversity &amp; the Tree of Life</pre>	. ,	BIOL   	112A &	Majors' Biology: Animals, Protozoa, Evolution and	(5)

			  BIOL 	112B	Classification Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5)	CHEM CHEM	131 <u>&amp;</u> 132	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
PHYSICS 1A PHYSICS 1B						
PHYSICS 7A	General Physics				General Physics I	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYS	108A <u>8</u>	General Physics I	(4) (4)
PHYSICS 7C	General Physics	(4)	PHYS	108A 8	General Physics I  General Physics II	(4) (4)
their commu series befo series may		ivalen s who tional	t to t transi phys:	the ent fer wit ics cou	tire UC Davis Physics 7A/ Thout completing an entir Urses upon arrival at UC	
f) MATH 16A	Short Calculus	(3)	MATH	121 <u>&amp;</u>	Calculus I with Applications	(3)
			MATH     OI	122		(3)
				_	Analytic Geometry and Calculus I	(5)
			MATH	124	Analytic Geometry and Calculus II	(5)
f) MATH 16E	Short Calculus	(3)	MATH 	121 <u>&amp;</u>	Calculus I with Applications	(3)
			MATH	122	Calculus II with Applications	(3)
			OI  MATH	<u>R</u> 123 <u>&amp;</u>	Analytic Geometry and	(5)
			  MATH	124		(5)
	OR				Calculus II <b>OR</b>	
MATH 17A	Calculus for BioSci	(4)	MATH	121		(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 	122		(3)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus		MATH		Analytic Geometry and Calculus II	
ENV S&P 1		(4)	NO CO		BLE COURSE	
						<b>-</b>

# PREPARATION FOR GRADUATION:

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

# f) This articulation is "series for series" only.

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

### Special Advising Note:

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

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

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Beginning fall 2021, the major economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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

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

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

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

-Statistics 13

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON	102			(3)
ECON 1B	Princ of Macroecon	(4)	  ECON 	101		Microeconomics Principles of Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	STAT       OI			Introduction to Statistics	(4)
	OR		_			Probability and Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO C	IAGMC	RAB	LE COURSE	
f) MATH 16A	Short Calculus	(3)	  MATH 	121	_	Calculus I with Applications	(3)
			ļ			Calculus II with Applications	(3)
			<u>O</u> 1				
			MATH 	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
			MATH 	124		Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH	121	_	Calculus I with Applications	(3)
			MATH	122		Calculus II with Applications	(3)
			01	R			
			MATH	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
			MATH	124		Analytic Geometry and Calculus II	(5)
	OR					OR	
MATH 21A		(4)	MATH	123		Analytic Geometry and	(5)
	<del></del>	( - /				Calculus I	( - /
MATH 21B	Calculus	(4)	MATH	124		Analytic Geometry and Calculus II	(5)

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

MATH 21C	Calculus	(4)   MATH 223	Analytic Geometry,	(5)
			Vector Analysis and	

(3)

(3) MATH 116 Linear Algebra MATH 22A Linear Algebra

f) This articulation is "series for series" only.

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

#### Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

### Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis transfer admission website for details. IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

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

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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#### END OF MAJOR

# ====English A.B.====

# Special Advising Note:

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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ENGLISH 3	Intro to Lit	(4)	ENGL 	151	Reading and Composition (1B)	(4)
UWRITING 1	OR Expository Writing	(4)	  ENGL 	150	OR Reading and Composition (1A)	(4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	   ENGL 	222	Survey of English Literature I	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL	221A	Survey of American Literature I	(3)
			(	OR		
			ENGL	223	Survey of English Literature II	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL 	221B	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 41	Intro Topics Lit &	(4)	NO COURSE ARTICULATED: College has not
	Media		submitted course(s)for articulation
ENGLISH 43	Intro Topics in Drama	(4)	NO COURSE ARTICULATED: College has not
			submitted courses for articulation
ENGLISH 44	Intro Topics in Fiction	(4)	NO COMPARABLE COURSE
j) ENGLISH 45	Intro Topics in	(4)	ENGL 212 Introduction to Poetry (3)
	Poetry		
			· 

END OF MAJOR

j) The Department of Comparative Literature at UC Davis will accept ENGL 212 at College of Marin in lieu of COMPLIT 14. The English Department at UC Davis will accept ENGL 212 at College of Marin in lieu of ENGLISH 45.

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

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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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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# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

availabi	Le Iro	m our TAG	websit	te.						
BIOLSCI	2A	Intro Bi Earth	ology:I	ife on	(5)	  BIOL   	1120	7	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Bi & Evolut		Ecology	(5)	  BIOL   	1127	<u><b>3</b></u>		(5)
						BIOL	112E	3 <u>&amp;</u>		(5)
						BIOL	1120		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Bi Biodiver of Life		the Tree		BIOL     	1127	<u><b>3</b></u> €	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
						BIOL   	112E	3	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Gei	nl Chemis	try		(5)	CHEM	131		General Chemistry I	(5)
CHEM 2B	Ge	nl Chemis	try		(5)			&	General Chemistry I	(5)
						CHEM 	132 		General Chemistry II	(5)
CHEM 8A	Org	ganic Che	m-Brief		(2)	CHEM		<u>&amp;</u>	Organic Chemistry I	(5)
CHEM 8B	Oro	ganic Che	m-Brief	:	(4)	CHEM   CHEM		۶	Organic Chemistry II Organic Chemistry I	(5) (5)
	· ·	OR			( - )	CHEM		_	Organic Chemistry II  OR	(5)
CHEM 118	3A (	Org Chem,	Hlth 8	Sci	(4)	  CHEM	231		Organic Chemistry I	(5)
CHEM 118		Org Chem,				CHEM			Organic Chemistry I	(5)
						CHEM	232		Organic Chemistry II	(5)
f) MATH	16A	Short C	alculus	3	(3)	MATH	121	<u>&amp;</u>	Calculus I with	(3)
						  MATH	122		Applications Calculus II with	(3)
						į			Applications	( - )
						<u>OI</u>  MATH		&	Analytic Geometry and	(5)
						j		~	Calculus I	
						MATH 	124		Analytic Geometry and Calculus II	(5)
f) MATH	16B	Short C	alculus	3	(3)	MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)

			MATH 122 	Calculus II with (3) Applications
			<u>OR</u>  MATH 123 <u>&amp;</u>	Analytic Geometry and (5)
			  MATH 124	Calculus I Analytic Geometry and (5)
f) MATH 16C	Short Calculus	(3)	  MATH 121 <u>&amp;</u>	Calculus II Calculus I with (3) Applications
			  MATH 122 	Calculus II with (3) Applications
			<u>OR</u>  MATH 123 <u>&amp;</u>	Analytic Geometry and (5)
			  MATH 124 	Calculus I Analytic Geometry and (5) Calculus II
) (2 m) (1 m)	OR	(4)	 	OR
MATH 17A	Calculus for BioSci	(4)	MATH IZI	Calculus I with (3) Applications
MATH 17B	Calculus for Biosci	(4)	MATH 122	Calculus II with (3)
		. ,		Applications
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has not
	0.7		submitted o	course(s) for articulation
MATH 21A	OR Calculus	(1)	  Marri 100	OR Analytic Geometry and (5)
MAIN ZIA	Calculus	(4)	:	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	1	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, (5)
			<u> </u> 	Vector Analysis and Calculus III
PHYSICS 1A	Principles Physics	(3)	NO COMPARAE	BLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARAE	BLE COURSE
STATIST 13	Elementary Statistics STATIST 13Y			
				Probability and (4) Statistics
	OR			OR
STATIST 32	Gateway to Data Science OR	(4)	NO COMPARAE	BLE COURSE OR
PL SCI 21	Computers in Technology	(3)	NO COMPARAE	BLE COURSE

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

### Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

major. You may also view this information as published in the College of Engineering Transfer Credit Agreement at

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

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### Special Advising Note:

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

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

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

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

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

# Transfer Admission Guarantee (TAG) Note:

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

### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019

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END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 l Catalog . Ouick reference charts for AP and IB are

		<u>alog</u> . Quick reference cha rom our TAG website.	rts :	for	AP and	IB	are also	
		Intro Envhort/Urb For Intro Environ Plants		NO (	COURSE	AR		
		History Environ Design	(4)	NO (	COMPAR <i>I</i>	ABL	E COURSE	
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIO]     	L 112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIO]     	L 112A	<u>&amp;</u>		(5)
				BIO]   	L 112B	<u>&amp;</u>	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				  BIO]     	L 112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
PL SCI 2	2	Bot Physio Cul Plt	(4)	NO (	COMPARA	ABL	LE COURSE	
CHEM 2A CHEM 2B		Genl Chemistry Genl Chemistry	(5)	CHE	м 131 <b>в</b>	ž.	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
ENV S&P	1	Env Analysis <b>OR</b>	(4)	NO (	COMPARA	ABL	JE COURSE OR	
ENV S&P	10	Current Issues in Environment	(3)	į			Introduction to Environmental Sciences	(4)
ENV S	5&P	10 not open for credit to OR	stude	1	Same as who ha		completed ENV S&P 1 OR	
		Global Ecosystem ENV SC&M 30	(3)	NO (	COMPAR <i>I</i>	ABL	E COURSE	
PHYSICS	1A	Principles Physics	(3)	ио (	COMPAR <i>I</i>	ABL	JE COURSE	

PHYSICS 1B	Principles Physics	(3) NO COMPARABLE COURSE					
PL SCI 21	Computers in Technology	(3) NO COMPARABLE COURSE					
f) MATH 16A	Short Calculus	(3)   MATH 121 & Calculus I with ( Applications	(3)				
		MATH 122 Calculus II with ( Applications	(3)				
		<u>OR</u>  MATH 123 <u>&amp;</u> Analytic Geometry and (   Calculus I	5)				
	OR	MATH 124 Analytic Geometry and ( Calculus II OR	5)				
	~	!	(4)				
		MATH 115 Probability and (   Statistics	4)				
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 n submitted course(s) for articulation					
			<b>-</b>				

#### RECOMMENDED COURSES:

COMUNCN 1 Intro Public Spkg (4) | SPCH 122 Public Speaking (3)

### END OF MAJOR

### f) This articulation is "series for series" only.

# ====Environmental Policy Analysis & Planning B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4)	SPCH 122	Public Speaking	(3)
	OR			OR	
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO COMPARA	BLE COURSE	
	OR		ĺ	OR	

	(4) DRAM 130 Theory and Practice in (3) Acting I
BIOLSCI 2A Intro Biology:Life on Earth  OR	(5) BIOL 112C Majors' Biology: (5)    Molecules, Cells,   Prokaryotes and   Genetics   OR
BIOLSCI 10 Everyday Biology	(4) BIOL 110 Introduction to (3) Biology
	(5) CHEM 131 General Chemistry I (5)
	(4) CHEM 105 Chemistry in the Human (3) Environment
PHYSICS 1A Principles Physics	(3) NO COMPARABLE COURSE
	(5) BIOL 112A <u>&amp;</u> Majors' Biology: (5) Animals, Protozoa, Evolution and Classification
	BIOL 112B & Majors' Biology: (5)   Plants, Algae, Fungi   and Ecology
O.P.	BIOL 112C Majors' Biology: (5)  Molecules, Cells,  Prokaryotes and Genetics
OR CHEM 2B Genl Chemistry	OR (5) CHEM 131 & General Chemistry I (5)
OR PHYSICS 1B Principles Physics	CHEM 132 General Chemistry II (5)   OR (3)   NO COMPARABLE COURSE
ONE COURSE FR	ROM THE FOLLOWING:
PL SCI 21 Computers in Technology	
	OR
OR SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon	OR  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3)
OR SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon	OR  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3)
SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon	OR (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3)
SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon	OR  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3) Microeconomics  (4) ECON 101 Principles of (3) Macroeconomics  (A) ECON 101 Principles of (3) Macroeconomics
OR SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon  ONE COURSE FR  AN SCI 1 Domest Ani & People  ATM SCI 60 Intro to Atmospheric	OR  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3) Microeconomics  (4) ECON 101 Principles of (3) Macroeconomics  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR  SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon  ONE COURSE FR  AN SCI 1 Domest Ani & People  ATM SCI 60 Intro to Atmospheric Science o) GEOLOGY 1 The Earth PL SCI 12 Plants and Society Same as: SCI&SOC 12	OR  (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  (4) ECON 102 Principles of (3) Microeconomics  (4) ECON 101 Principles of (3) Macroeconomics  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR  SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon  ONE COURSE FR  AN SCI 1 Domest Ani & People  ATM SCI 60 Intro to Atmospheric Science o) GEOLOGY 1 The Earth PL SCI 12 Plants and Society Same as: SCI&SOC 12  FORMERLY PLANT BIO 12  W&F BIO 51 Intro to Conservation Biology	OR (3)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation  (4)   ECON 102   Principles of (3)   Microeconomics (4)   ECON 101   Principles of (3)   Macroeconomics  ROM THE FOLLOWING:  (4)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation (4)   NO COMPARABLE COURSE  (4)   GEOL 120   Physical Geology (3) (4)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation  (3)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
OR  SCI&SOC 18 GIS & Society  ECON 1A Princ of Microecon  ECON 1B Princ of Macroecon  ONE COURSE FR  AN SCI 1 Domest Ani & People  ATM SCI 60 Intro to Atmospheric Science o) GEOLOGY 1 The Earth PL SCI 12 Plants and Society Same as: SCI&SOC 12  FORMERLY PLANT BIO 12  W&F BIO 51 Intro to Conservation Biology  ENV S&P 1 Env Analysis	OR (3)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation  (4)   ECON 102   Principles of (3)   Microeconomics (4)   ECON 101   Principles of (3)   Macroeconomics  ROM THE FOLLOWING:  (4)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation (4)   NO COMPARABLE COURSE  (4)   GEOL 120   Physical Geology (3) (4)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation  (3)   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation

			  MATH 122 	Applications Calculus II with Applications	(3)
			<u>OR</u>  MATH 123 <u>&amp;</u> 	Analytic Geometry and Calculus I	(5)
			  MATH 124 	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 <u>&amp;</u> 	Calculus I with Applications	(3)
			MATH 122 	Calculus II with Applications	(3)
			<u>OR</u>  MATH 123 <u>&amp;</u>	Analytic Geometry and Calculus I	(5)
	OR		  MATH 124 	Analytic Geometry and Calculus II	(5)
MATH 17A	Calculus for BioSci	(4)	  MATH 121 	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 122 	Calculus II with Applications	(3)
MATH 21A	OR Calculus	(4)	  MATH 123	OR Analytic Geometry and	(5)
	04104145	( - /		Calculus I	
MATH 21B	Calculus	(4)	MATH 124   	Analytic Geometry and Calculus II	(5)
POL SCI 1	Amer Natl Govt	(4)	POLS 100	American Political Institutions	(3)
			<u>OR</u>  POLS 101 	Introduction to the Government of the United States	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT 115     <b>OR</b>	Introduction to Statistics	(4)
	OR		<u>OR</u>  MATH 115 	Probability and Statistics OR	(4)
STATIST 32		(4)	NO COMPARA	-	
	CLIMATE	CHA	NGE POLICY A	 AREA:	
SCI&SOC 25	Global Climate Change	(3)	!	ARTICULATED: College has course(s) for articulati	

#### END OF MAJOR

- $\circ$ ) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- f) This articulation is "series for series" only.

## ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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.

<sup>\*</sup>Students majoring in Sustainable Agriculture and Food Systems who plan to

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\tt General\ Catalog}$  . Quick reference charts for  $\underline{\tt AP}$  and  $\underline{\tt IB}$  are also available from our TAG website.

COMUNCN :	1	Intro Public Spkg OR	(4)	SPCH 122 Public Speaking (3) OR
COMUNCN 3	3	Intprsnl Com Cmpetnce OR	(4)	I -
DRAMART :	10	Intro To Acting	(4)	DRAM 130 Theory and Practice in (3) Acting I
BIOLSCI 2	2A	Intro Biology:Life on Earth	(5)	BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics
BIOLSCI 2	2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A <u>&amp;</u> Majors' Biology: (5) Animals, Protozoa, Evolution and Classification
				BIOL 112B <u>&amp;</u> Majors' Biology: (5)   Plants, Algae, Fungi   and Ecology
				BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics
BIOLSCI 2	2C	Intro Biology: Biodiversity & the Tred of Life		BIOL 112A <u>&amp;</u> Majors' Biology: (5) Animals, Protozoa, Evolution and Classification
				BIOL 112B Majors' Biology: (5) Plants, Algae, Fungi and Ecology
		enl Chemistry enl Chemistry OR		CHEM 131 General Chemistry I (5)   CHEM 131 & General Chemistry I (5)   CHEM 132 General Chemistry II (5)   OR
CHEM 2AH CHEM 2BH	I	Honors Genl Chemistry Honors Genl Chemistry		NO COMPARABLE COURSE  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
o) GEOLOG	GY 1	The Earth OR	(4)	GEOL 120 Physical Geology (3) OR
c) GEOLOG	GY 50		(3)	GEOL 120 Physical Geology (3)
PHYSICS I	 1A 1B	Principles Physics Principles Physics	(3)	NO COMPARABLE COURSE NO COMPARABLE COURSE
PHYSICS '	7A	<b>OR</b> General Physics	(4)	OR   PHYS 108A & General Physics I (4)
PHYSICS '	7в	General Physics	(4)	PHYS 108B General Physics II (4)   PHYS 108A & General Physics I (4)
PHYSICS '	7C	General Physics	(4)	PHYS 108BGeneral Physics II(4)PHYS 108AGeneral Physics I(4)PHYS 108BGeneral Physics II(4)
It is hig	ghly	recommended that studen	ts com	PHYS 108B General Physics II (4) mplete 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					Principles of Microeconomics	(3)
f) MATH 16A	Short Calculus	(3)	MATH	121	_	Calculus I with Applications	(3)
			MATH	122		Calculus II with Applications	(3)
			OR	2			
			MATH	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
			MATH	124		Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with Applications	(3)
			MATH	122		Calculus II with Applications	(3)
			OR	<u> </u>			
			MATH 	123	<u>&amp;</u>	Analytic Geometry and Calculus I	
	OR		MATH   	124		Analytic Geometry and Calculus II  OR	(5)
MATH 17A		(4)	  MATH	121		Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 	122		Calculus II with Applications	(3)
	OR		İ			OR	
MATH 21A	Calculus	(4)	MATH	123		Analytic Geometry and Calculus I	(5)
MATH 21B						Analytic Geometry and Calculus II	
	Env Analysis					LE COURSE	
	RECOMMENDED COU	RSES	FOR T	HIS	MAJ	JOR:	
CHEM 2C	Genl Chemistry OR	(5)	CHEM	132		General Chemistry II OR	(5)
	Honors Genl Chemistry		NO CO submi	URSE ttec	E AF	RTICULATED: College has ourse(s) for articulati	not on
	PREPARATION	FOR	GRADU	ATIC	: <u>NC</u>		
	Elementary Statistics STATIST 13Y	(4)	STAT	115		Introduction to Statistics	(4)
			<u>OR</u>  MATH 			Probability and Statistics	(4)
	ECOLOGY, BIODIVERSITY,	AND	CONSE	RVA	rion	V TRACK:	
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO	MPAF	RABI	LE COURSE	

## CLIMATE CHANGE AND AIR QUALITY TRACK:

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

#### WATERSHED SCIENCE TRACK:

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

#### END OF MAJOR

- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- f) This articulation is "series for series" only.

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

BIOLSCI 2A Intro Biology: Life on (5) | BIOL 112C Majors' Biology: (5) Earth Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: (5) Animals, Protozoa, & Evolution Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (5) Biodiversity & the Tree Animals, Protozoa, of Life Evolution and Classification BIOL 112B Majors' Biology: (5)

				Plants, Algae, Fungi   and Ecology
CHEM CHEM		Genl Chemistry Genl Chemistry		CHEM 131 General Chemistry I (5)   CHEM 131 & General Chemistry I (5)   CHEM 132 General Chemistry II (5)
CHEM	2C	Genl Chemistry OR	(5)	CHEM 132 General Chemistry II (5) OR
CHEM	2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
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	118A	Org Chem, Hlth & Sci	(4)	CHEM 231 Organic Chemistry I (5)
CHEM	118B	Org Chem, Hlth & Sci	(4)	CHEM 231 & Organic Chemistry I (5) CHEM 232 Organic Chemistry II (5)
CHEM	118C	Org Chem, Hlth & Sci <b>OR</b>	(4)	
CHEM	128A	Organic Chemistry	(3)	CHEM 231 Organic Chemistry I (5)
CHEM	128B	Organic Chemistry		CHEM 231 & Organic Chemistry I (5)
				CHEM 232 Organic Chemistry II (5)
CHEM		Organic Chemistry		CHEM 232 Organic Chemistry II (5)
CHEM	129A	Organic Chem Lab	(2)	CHEM 231 Organic Chemistry I (5)
MATH	17A	Calculus for BioSci	(4)	MATH 121 Calculus I with (3)   Applications
MATH	17B	Calculus for Biosci	(4)	MATH 122 Calculus II with (3)   Applications
MATH	17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		0.7		submitted course(s) for articulation
MATH	217	<b>OR</b> Calculus	(1)	OR  MATH 123 Analytic Geometry and (5)
MAIN	ZIA	Calculus	(4)	Calculus I
MATH	21B	Calculus	(4)	MATH 124   Analytic Geometry and (5)   Calculus II
MATH	21C	Calculus	(4)	MATH 223 Analytic Geometry, (5)
				Vector Analysis and   Calculus III
PHYSI	CS 7A	General Physics	(4)	PHYS 108A & General Physics I (4)
חוועפי	.aa 75	Conoral Physics	( 1 )	PHYS 108B General Physics II (4)
PHISI	CS 7B	General Physics	( <del>4</del> )	PHYS 108A & General Physics I (4)  PHYS 108B General Physics II (4)
PHYSI	CS 7C	General Physics	(4)	PHYS 108A & General Physics I (4)
				PHYS 108B General Physics II (4)

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

#### END OF MAJOR

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

#### Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed

by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

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

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Ouick reference charts for AP and IB are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A &		(5)
			BIOL   	112B &	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL     	112A <u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
	Genl Chemistry Genl Chemistry		CHEM	131 <u>&amp;</u>	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	   CHEM	231 <u>&amp;</u>	Organic Chemistry I	(5)

CHEM 8B	Organic Chem-Brief	CHEM 232   Organic Chemistry I:   CHEM 231 & Organic Chemistry I:   CHEM 232   Organic Chemistry I:	(5)
MATH 17A	Calculus for BioSci	(4) MATH 121 Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4) MATH 122 Calculus II with Applications	(3)
	OR	OR	
MATH 21A	Calculus	(4) MATH 123 Analytic Geometry as Calculus I	nd (5)
MATH 21B	Calculus	(4) MATH 124 Analytic Geometry an Calculus II	nd (5)
סטעפדרפ 1 א	Dringinles Dhysics	(3) NO COMPARABLE COURSE	
	Principles Physics	` ' !	
		RECOMMENDED:	
MATH 17C	Calculus for BioSci	(4) NO COURSE ARTICULATED: College 1	
		submitted course(s) for articula	ation

OR

OR

Calculus

(4) MATH 223 Analytic Geometry, Vector Analysis and

Calculus III

END OF MAJOR

MATH 21C

### ====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.

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#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also strongly recommended that transfer students complete courses

comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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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### Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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\_\_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) | BIOL 112C Majors' Biology: (5) Earth Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	   	112A <u>&amp;</u>	Genetics Majors' Biology: (5) Animals, Protozoa, Evolution and Classification Majors' Biology: (5) Plants, Algae, Fungi
			İ		and Ecology
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		!	131 131 <u>&amp;</u> 132	General Chemistry I (5) General Chemistry I (5) General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	132	General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	•	231 <u>&amp;</u>	Organic Chemistry I (5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM   CHEM   CHEM	231 <u>&amp;</u>	Organic Chemistry II (5) Organic Chemistry I (5) Organic Chemistry II (5) OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	•	231 <b>&amp;</b> 232	Organic Chemistry I (5) Organic Chemistry I (5) Organic Chemistry II (5) Organic Chemistry II (5)
	Calculus for BioSci	(4)		101	Galandar Taribb
MATH 17A MATH 17B	Calculus for Biosci		MATH    MATH		Calculus I with (3) Applications Calculus II with (3)
MATH 17C	Calculus for BioSci	(4)			Applications RTICULATED: College has not ourse(s) for articulation
	OR			receu e	OR
MATH 21A	Calculus	(4)	MATH 	123	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 	124	Analytic Geometry and (5) Calculus II
PHYSICS 7A	General Physics	(4)	:	108A <u>&amp;</u> 108B	General Physics I (4) General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYS	108A <u>&amp;</u>	
PHYSICS 7C	General Physics	(4)	PHYS	108A &	General Physics I (4)
their commuseries before series may	Ly recommended that students inity college that is equivable transferring. Students where the beautiful to take additional transfer to meet with a UC	alen who onal	mplete t to t transi phys:	the ent: fer withics cour	tire physics series at ire UC Davis Physics 7A/B/C hout completing an entire rses upon arrival at UC
			NDED:		
MATH 21C	Calculus	(4)	MATH   	223	Analytic Geometry, (5) Vector Analysis and Calculus III

## END OF MAJOR

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

CHEM 2B	Genl Chemistry	(5)	CHEM 131 &	<del>-</del>	(5) (5)
CHEM 2C	Genl Chemistry	(5)	СНЕМ 132	General Chemistry II	(5)
B) ENG CS	15 Intro to Computers  OR	(4)	CIS 110   	Introduction to Computer Information Systems OR	(3)
	Programming y ENG CS 30	(4)	COMP 130     	Introduction to Computer Programming Using C++	(4)
			<u>OR</u>  COMP 135 	Introduction to Programming in Java	(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.

f) MATH 16A Short Calculus (3)   MATH 121 & Calculus I with Applications	(3)
MATH 122 Calculus II with	(3)
Applications	(3)
OR	
MATH 123 & Analytic Geometry ar	nd (5)
Calculus I	, ,
MATH 124 Analytic Geometry ar	nd (5)
Calculus II	
f) MATH 16B Short Calculus (3) MATH 121 & Calculus I with	(3)
Applications	
MATH 122 Calculus II with	(3)
Applications	
<u>OR</u>	
MATH 123 & Analytic Geometry ar	nd (5)
Calculus I	
MATH 124 Analytic Geometry ar	nd (5)
Calculus II	(2)
f) MATH 16C Short Calculus (3) MATH 121 & Calculus I with	(3)
Applications	(2)
MATH 122 Calculus II with	(3)
Applications OR	
<u>OK</u>  MATH 123 & Analytic Geometry ar	nd (5)
Calculus I	Ia (5)
MATH 124 Analytic Geometry ar	nd (5)
Calculus II	1a (5)
OR OR	
MATH 21A Calculus (4) MATH 123 Analytic Geometry ar	nd (5)
Calculus I	. ,
MATH 21B Calculus (4) MATH 124 Analytic Geometry ar	nd (5)

MATH 21C	Calculus	(4)	  MATH 	223	Calculus II Analytic Geometry, Vector Analysis and Calculus III	(5)
PHYSICS 7A	General Physics				General Physics I	
PHYSICS 7B	General Physics				<b>-</b>	(4) (4)
	200000000000000000000000000000000000000	( - /	PHYS	108B		(4)
PHYSICS 7C	General Physics					(4) (4)
their commu series befo series may	y recommended that student unity college that is equivore transferring. Students be required to take additiuil need to meet with a U	alent who onal	t to t transf physi	the ent fer wit ics cou	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC	re
PHYSICS 9A	Classical Physics	(5)	PHYS			(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	207C		(5)
PHYSICS 9C	Classical Physics	(5)	  PHYS 	207в		(5)
	Elementary Statistics STATIST 13Y	(4)	į		Introduction to Statistics	(4)
			<u>OI</u>  MATH 		Probability and Statistics	
TEX&CL 6	Intro Textiles	(4)	NO CO	OMPARAB		
TEX&CL 8	Textile Apparel Ind OR	(4)	NO CO	OMPARAB		
ENGIN 45	Prop of Mats	(4)	ENGG 	245	Engineering Materials Science	(4)
	PREPARATION	FOR	GRADI	JATION:		
CHEM 128A	Organic Chemistry	(3)		231		(5)
CHEM 128B	Organic Chemistry					(5)
CHEM 128C	Organic Chemistry			232	Organic Chemistry II Organic Chemistry II	(5) (5)
	Organic Chem Lab					
	Organic Chem Lab					
				232	Organic Chemistry II	(5)
	ELECT	IVE (	COURSI	ES:		
ECON 1A	Princ of Microecon	(4)	ECON	102	Principles of Microeconomics	(3)
	Princ of Macroecon	(4)		101	Microeconomics Principles of Macroeconomics	(3)
MATH 22A	Linear Algebra	(3)	MATH	116	Linear Algebra	
MATH 22B	Differntl Equations	(3)	MATH	224	Elementary	(4)
					Differential Equations	

- 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.
- f) This articulation is "series for series" only.

#### ====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 <a href="https://doi.org/10.1001/journal.com/html">highly recommended</a> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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

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

 ${\tt AP}$  and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for  ${\tt AP}$  and IB are also

available from our TAG website.

COMUNCN	1	Intro Public Spkg	(4)	SPCH	122		Public Speaking	(3)
f) MATH	16A	Short Calculus	(3)	  MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)
				MATH	122		Calculus II with Applications	(3)
				01				
				MATH 	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
				MATH 	124		Analytic Geometry and Calculus II	(5)
f) MATH	16B	Short Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with Applications	(3)
				MATH	122		Calculus II with Applications	(3)
				01	R			
				MATH	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
				MATH	124		Analytic Geometry and Calculus II	(5)
f) MATH	16C	Short Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with Applications	(3)
				MATH	122		Calculus II with Applications	(3)
				<u>O</u>	_			
				MATH 	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
				MATH 	124		Analytic Geometry and Calculus II	(5)
DIOLGGI					110		Madaga Dialaga	·
BIOLSCI	ZΑ	Intro Biology:Life on Earth	(5)	      RIOT	1120	Ċ	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A	G	enl Chemistry	(5)	CHEM	131		General Chemistry I	(5)

CHEM 2B Genl Chemistry	(5)	•	131 <u>&amp;</u>	General Chemistry I (5)
CHEM 2C Genl Chemistry	(5)	CHEM   CHEM		General Chemistry II (5) General Chemistry II (5)
CHEM 8A Organic Chem-Brief	(2)	CHEM	231 <u>&amp;</u> 232	Organic Chemistry I (5) Organic Chemistry II (5)  AND
CHEM 8B Organic Chem-Brief OR	(4)	CHEM	231 <u>&amp;</u> 232	Organic Chemistry I (5) Organic Chemistry II (5) OR
CHEM 118A Org Chem, Hlth & Sci AND	(4)	CHEM	231	Organic Chemistry I (5)  AND
CHEM 118B Org Chem, Hlth & Sci OR	(4)	CHEM CHEM	231 <u>&amp;</u> 232	Organic Chemistry I (5) Organic Chemistry II (5) OR
CHEM 128A Organic Chemistry AND	(3)	CHEM	231	Organic Chemistry I (5)  AND
CHEM 128B Organic Chemistry  AND	(3)	CHEM   CHEM	231 <u>&amp;</u> 232	Organic Chemistry I (5) Organic Chemistry II (5)  AND
CHEM 129A Organic Chem Lab	(2)	CHEM	231	Organic Chemistry I (5)
PHYSICS 7A General Physics	(4)	!	108A 8	General Physics I (4) General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYS		General Physics I (4) General Physics II (4)
DILYCTOR 70 Conomal Physics	(4)	1		
PHYSICS 7C General Physics	(1)	•	108B	General Physics I (4) General Physics II (4)
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.	ts co valen who ional	PHYS mplete t to t transi phys:	108B e an enthe en	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire urses upon arrival at UC
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a	ts covalen who ional	PHYS mplete t to t trans: phys: vis ac	108B an enthe enth	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire urses upon arrival at UC
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.	ts co valen who ional UC Da (3)	PHYS mplete t to 1 trans: phys: vis ac  NO CC  subm:  STAT	108B e an enthe enthe enthe condition discording the condition discordi	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire arses upon arrival at UC before continuing with ARTICULATED: College has not
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics	ts co valen who ional UC Da (3)	PHYS mplete t to 1 trans: phys: vis ac  NO CC  subm:  STAT	108B e an enthe enthe enthe condition distributed condition distri	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire urses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics	ts covalen who ional UC Da (3)	PHYS mplete t to 1 trans: phys: vis ac  NO CC  subm: STAT   OI  MATH	108B e an enthe en	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire urses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics Same as: STATIST 13Y	ts covalen who ional UC Da (3)	PHYS mplete t to 1 trans: phys: vis ac   NO CC   subm:   STAT     OI   MATH	108B e an enthe en	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire arses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics  Nutrition (3)
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics Same as: STATIST 13Y	ts covalen who ional UC Da (3) (4)	PHYS mplete t to 1 trans: phys: vis ac   NO CC   subm:   STAT     OI   MATH     BIOL   CHEM	108B e an enthe en	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire arses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics  Nutrition (3)  ATE OR PROFESSIONAL STUDIES: Organic Chemistry II (5) OR
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics Same as: STATIST 13Y  NUTR 10 Discoveries and Concepts  RECOMMENDED FOR STUDENTS INTENDING CHEM 118C Org Chem, Hlth & Sci	ts covalen who ional UC Da (3) (4)	PHYS mplete t to 1 trans: phys: vis ac  NO CC  subm:  STAT   MATH   BIOL  CHEM   CHEM	108B e an enthe en	General Physics II (4) ntire physics series at tire UC Davis Physics 7A/B/C thout completing an entire arses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics  Nutrition (3)  ATE OR PROFESSIONAL STUDIES: Organic Chemistry II (5) OR Organic Chemistry II (5) AND
It is highly recommended that studen their community college that is equiseries before transferring. Students series may be required to take addit Davis, and will need to meet with a physics.  FD S&T 50 Intro Food Preservation  STATIST 13 Elementary Statistics Same as: STATIST 13Y  NUTR 10 Discoveries and Concepts  RECOMMENDED FOR STUDENTS INTENDING CHEM 118C Org Chem, Hlth & Scior OR  CHEM 128C Organic Chemistry	ts covalen who ional UC Da (3) (4)	PHYS mplete t to 1 trans: phys: vis ac  NO CC  subm: STAT   MATH   HBIOL URSUE  CHEM   CHEM	108B e an enthe en	General Physics II (4) Intire physics series at tire UC Davis Physics 7A/B/C Thout completing an entire urses upon arrival at UC before continuing with  ARTICULATED: College has not course(s) for articulation  Introduction to (4) Statistics  Probability and (4) Statistics  Nutrition (3)  ATE OR PROFESSIONAL STUDIES: Organic Chemistry II (5) OR Organic Chemistry II (5) AND Organic Chemistry I (5)

END OF MAJOR

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

f) This articulation is "series for series" only.

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

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

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### College Foreign Language Requirement Note:

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

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				-
FRENCH 1	Elementary French	(5) FREN 101	Elementary French I (4)	)
FRENCH 2	Elementary French	(5) FREN 102	Elementary French II (4)	)
FRENCH 3	Elementary French	(5) FREN 102	Elementary French II (4)	)
FRENCH 21	Intermed French	(5) FREN 203	Intermediate French (4)	)
			III	
FRENCH 22	Intermed French	(5) FREN 204	Intermediate French IV (4)	)
FRENCH 23	Intermed French	(5) FREN 225 &	Advanced French I (3)	)
		FREN 226	Advanced French II (3)	)

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

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

#### END OF MAJOR

## ====Gender, Sexuality and Women's Studies A.B.==== Special Advising Note:

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MOM	STD	50	Intro Gender Studies	(4)	NO (	COURSE	ARTICULATED:	College	has	not
					subi	mitted	course(s) for	r articul	atio	n
MOM	STD	60	Feminist Critiques				ARTICULATED:			
					subi	mitted	course(s) for	r articul	.atio	n
MOM	STD	70	Sexual:Thry&Hist	(4)	NO (	COURSE	ARTICULATED:	College	has	not

#### TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa		NO COMPARABLE COURSE
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AMR STD 30	Amr Images Pop Cult	(4)	NO COMPARABLE COURSE
	ultural Anthropology		ANTH 102 Introduction to (3)
1111111110 2 0	arearar mienroporogy	( ) )	Cultural Anthropology
ANTHRO 20	Comparative Cultures	(4)	ANTH 103 Globalization and (3)
11111110 10	oomparative darbares	( - /	Peoples and Cultures
			of the World
ANTHRO 30	Sexualities	(4)	NO COURSE ARTICULATED: College has not
		( - /	submitted course(s)for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian		NO COMPARABLE COURSE
	Americans	` ,	
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
COMPLIT 12	Intro Women Writers	(4)	NO COMPARABLE COURSE
DRAMART 1	Theatre, Performance and	(4)	NO COMPARABLE COURSE
	Culture		
ENGLISH 3	Intro to Lit	(4)	ENGL 151 Reading and (4)
			Composition (1B)
HISTORY 72A	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 85	Nat,Man&Mach/Amer		NO COMPARABLE COURSE
N A STD 10	NA Experience		NO COMPARABLE COURSE
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
POL SCI 7	Law & Politics		NO COMPARABLE COURSE
PSYCH 1 G	eneral Psychology	(4)	PSY 110 Introduction to (3)   Psychology
SCI&TEC 1	Intro Sci & Tech Std	(4)	NO COMPARABLE COURSE
SCI&TEC 2	Intro History of Science	(4)	
SCI&TEC 20	Sci & Tec Std Methods	(4)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
	ANTHRO 32		
SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology (3)
COCTOT 2	Social Problems	(1)	Same as:  SOC 112   Modern Social Problems (3)
SOCIOL 3 SOCIOL 11	Social Problems Sociology of Labor and		SOC 112   Modern Social Problems (3)  NO COURSE ARTICULATED: College has not
SOCIOL II	Employment	( + )	submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(2)	I control of the cont
SOCIOL 30B			NO COURSE ARTICULATED: College has not
BOCION SOD	Marcicalcular bociccies	(3)	submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
	Writing Research Papers		NO COMPARABLE COURSE
Formerly UW		( - /	
-	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
		/	submitted course(s) for articulation
END OF MA.TOD			, , = = = = = = = = = = = = = = = = = =

## END OF MAJOR

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

## Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it 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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avaıl	Lable	from our TAG website.						
BIOLS	 SCI 2A	Intro Biology:Life on Earth	(5)	  BIOL   	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLS	SCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL	112B	<u>&amp;</u>		(5)
				BIOL     	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLS	SCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL   	112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM		Genl Chemistry		   CHEM	121		Conoral Chomistry I	
CHEM		Genl Chemistry				æ	General Chemistry I General Chemistry I	(5) (5)
CIILII	22	Geni enemiber,	(3)	:	132	_	General Chemistry II	(5)
CHEM	2C	Genl Chemistry OR	(5)	CHEM			General Chemistry II OR	(5)
CHEM	2AH	Honors Genl Chemistry		1			LE COURSE	
CHEM	2BH	Honors Genl Chemistry	(5)				RTICULATED: College has	
~	0.000		<i>(</i> <b>-</b> <i>)</i>				ourse(s) for articulati	
CHEM	2CH	Honors Genl Chemistry	(5)				RTICULATED: College has purse(s) for articulati	
CHEM	8A	Organic Chem-Brief	(2)	CHEM	231	&	Organic Chemistry I	(5)
					232		Organic Chemistry II	(5)
CHEM	8B	Organic Chem-Brief	(4)	CHEM		<u>&amp;</u>	Organic Chemistry I	(5)
		27		CHEM	232		Organic Chemistry II	(5)
CHEM	1107	<b>OR</b> Org Chem, Hlth & Sci	(1)	  CHEM	221		OR	/ E \
	118A 118B	Org Chem, Hith & Sci		CHEM		۶.	Organic Chemistry I Organic Chemistry I	(5) (5)
CIILII	1102	org enem, men a ser	( - /	CHEM		=	Organic Chemistry II	(5)
CHEM	118C	Org Chem, Hlth & Sci	(4)	CHEM			Organic Chemistry II	(5)
MATH	17A	Calculus for BioSci	(4)	   MATH 	121		Calculus I with Applications	(3)
MATH	17в	Calculus for Biosci	(4)	  MATH 	122		Calculus II with Applications	(3)

MATH 17C	Calculus for BioSci	(4)			ARTICULATE			
			subm:	ıttea	course(s)	cor artic	ulatio	on
	OR				OR			
MATH 21A	Calculus	(4)	MATH	123	Analytic	Geometry	and	(5)
			ĺ		Calculus	I		
MATH 21B	Calculus	(4)	MATH	124	Analytic	Geometry	and	(5)
			ĺ		Calculus	II		
PHYSICS 7A	General Physics	(4)	PHYS	108A	& General	Physics	I	(4)
			PHYS	108B	General	Physics	II	(4)
PHYSICS 7B	General Physics	(4)	PHYS	108A	& General	Physics	I	(4)
			PHYS	108B	General	Physics	II	(4)
PHYSICS 7C	General Physics	(4)	PHYS	108A	& General	Physics	I	(4)
			PHYS	108B	General	Physics	II	(4)

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

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		<b>RECOMMENDED:</b>	
MATH 21C	Calculus	(4) MATH 223	Analytic Geometry, (5) Vector Analysis and Calculus III

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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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

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

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

from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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b) GEOLOGY 3L	Wistory of Life History of Life Lab Physical Geology	(1)	GEOL	121		(4) (4) (3)
0)			ĺ		Physical Geology	(1)
'	Earth Materials:Intro	(4)	  GEOL 	201	Laboratory Elementary Mineralogy	(4)
f) MATH 16A Sh	ort Calculus	(3)	   MATH 	121 <u>&amp;</u>	Calculus I with Applications	(3)
			  MATH 	122	Calculus II with Applications	(3)
			OI	R		
			MATH 	123 <u>&amp;</u>	Analytic Geometry and Calculus I	(5)
			İ	124	Analytic Geometry and Calculus II	(5)
f) MATH 16B Sh	ort Calculus	(3)	MATH 	121 <u>&amp;</u>	Calculus I with Applications	(3)
			MATH 	122	Calculus II with Applications	(3)
			OI	_		
			MATH 	123 <u>&amp;</u>	Analytic Geometry and Calculus I	(5)
			MATH 	124	Analytic Geometry and Calculus II	(5)
	OR				OR	
MATH 21A Calcu	ılus	(4)	MATH 	123	Analytic Geometry and Calculus I	(5)
MATH 21B Calcu	ılus	(4)	MATH   	124	Analytic Geometry and Calculus II	(5)
CHEM 2A Genl C	'hemi etry	(5)	СПЕМ	131	Canaral Chamistry I	(5)
CHEM 2A Genl C CHEM 2B Genl C	Themistry	(5)	CHEW	131 E	General Chemistry I General Chemistry I	(5)
Chem 26 Geni C	y	(3)		132		(5)
PHYSICS 7A Gen					& General Physics I	(4) (4)
PHYSICS 7B Gen	neral Physics				General Physics II  General Physics I  General Physics II	(4) (4) (4)

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

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

STATIST 13 Same as:	Elementary: STATIST 13Y	Statistics	(4)	STAT 115	Introduction to Statistics	(4)
				OR		
				MATH 115	Probability and Statistics	(4)
	OR				OR	
STATIST 32	Gateway to Da	ata Science	(4)	NO COMPARA	BLE COURSE	

#### END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- $_{\odot})$  If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- ${\tt n})$  This course is not strictly comparable with UC Davis course but will fulfill the introductory earth materials requirement for the geology major at UC Davis.
- f) This articulation is "series for series" only.

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

#### Special Advising Note:

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

b) GEOLOGY 3 History of I	ife (3)	GEOL	121	Historical Geology	(4)
b) GEOLOGY 3L History of	Life Lab (1)	GEOL	121	Historical Geology	(4)
c) GEOLOGY 50 Physical Geo	eology (3)	GEOL	120	Physical Geology	(3)
GEOLOGY 50L Physical Geol	Lab (2)	GEOL	120L	Physical Geology Laboratory	(1)
n) GEOLOGY 60 Earth Materials:	, ,	GEOL	201	Elementary Mineralogy	(4)
GEOLOGY 62 Optical Minera	alogy (2)	NO CO	OMPARAB	LE COURSE	
MATH 21A Calculus	(4)	MATH	123	Analytic Geometry and	(5)
				Calculus I	
MATH 21B Calculus	(4)	MATH	124	Analytic Geometry and Calculus II	(5)
MATH 21C Calculus	(4)	МАТН	223	Analytic Geometry,	(5)
	( - /			Vector Analysis and	(0)
				Calculus III	
CHEM 2A Genl Chemistry	(5)	CHEM	131	General Chemistry I	(5)
CHEM 2B Genl Chemistry	(5)	CHEM	131 <u>&amp;</u>	General Chemistry I	(5)
		CHEM	132	General Chemistry II	(5)

### SELECT ONE OF THE FOLLOWING THREE OPTIONS:

#### GENERAL GEOLOGY OPTION:

CHEM 2C STATIST		Genl Chemistry Gateway to Data Science		!			General ( E COURSE	Chemistry	/ II	(5)
PHYSICS	7A	General Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
				PHYS	108B		General	Physics	II	(4)
PHYSICS	7В	General Physics	(4)	PHYS	108A	&	General	Physics	I	(4)
				PHYS	108B		General	Physics	II	(4)
PHYSICS	7C	General Physics	(4)	PHYS	108A	&	General	Physics	I	(4)
				PHYS	108B		General	Physics	II	(4)

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

1 2	OR	OR	
PHYSICS 9A	Classical Physics	(5) PHYS 207A Mechanics and	(5)
		Properties of Ma	tter
PHYSICS 9B	Classical Physics	(5) PHYS 207C Heat, Light, Sou	
		and Modern Physi	.CS
PHYSICS 9C	Classical Physics	(5) PHYS 207B Electricity and	(5)
		Magnetism	

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

CHEM 2C	Genl Chemistry	(5)	CHEM	132	General Chemistry II	(5)
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPARAB	LE COURSE	
MATH 21D	Vector Analysis	(4)	MATH	224	Elementary	(4)
					Differential Equations	
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS	207C	Heat, Light, Sound	(5)
					and Modern Physics	

#### QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D	Vector Analysis	(4)	MATH	224	Elementary	(4)
					Differential Equations	
MATH 22A	Linear Algebra	(3)	MATH	116	Linear Algebra	(3)
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS	207C	Heat, Light, Sound	(5)
					and Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	207B	Electricity and	(5)
					Magnetism	

#### END OF MAJOR

- b) This course is not strictly comparable with UC Davis courses but will fulfill the history of life requirement for the geology major at UC Davis.
- c) This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- o) If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- n) This course is not strictly comparable with UC Davis course but will fulfill the introductory earth materials requirement for the geology major at UC Davis.

### ====German 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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

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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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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Intergogmental Conoral Education Transfer Curriculum (ICETC) / UC Davis Conoral

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

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

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

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

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

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

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GDISBIO 90	Intro Global Disease Bio	(1) NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
SCI&SOC 13	Disease and Society	(3) NO COURSE ARTICULATED:College has  submitted course(s)for articulatio	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 112C Majors' Biology:    Molecules, Cells,   Prokaryotes and   Genetics	(5)

BIOL 1128 & Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Intro Biology: (5) Majors' Biology: (5) Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification BIOL 112B Majors' Biology: (5) Animals, Protozoa, Evolution and Classification BIOL 112B Majors' Biology: (5) Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 132 General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 132 General Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHEM 132 General Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHEM 32 General Chemistry I (5) CHEM 2B Genl Chemistry I (5) CHE	BIOLSCI 2B Intro Biology: Ecol & Evolution	Logy (5)  	BIOL   	112A &	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)		
BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics Genetics  BIOLSCI 2C Intro Biology: (5) BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification BIOL 112B Majors' Biology: (5) Animals, Protozoa, Evolution and Classification Majors' Biology: (5) Plants, Algae, Fungi and Ecology  CHEM 2A Genl Chemistry (5) CHEM 131 General Chemistry I (5) CHEM 2B Genl Chemistry (5) CHEM 132 General Chemistry I (5) CHEM 132 General Chemistry I (5) CHEM 132 General Chemistry II (5) CHEM 132 General Chemistry II (5) CHEM 8A Organic Chem-Brief (2) CHEM 231 General Chemistry II (5) CHEM 8B Organic Chem-Brief (4) CHEM 231 Organic Chemistry II (5) Organic Chemistr			BIOL	112B <u>&amp;</u>	Majors' Biology: Plants, Algae, Fungi	(5)		
BIOLSCI 2C			BIOL	112C	Majors' Biology: Molecules, Cells, Prokaryotes and	(5)		
BIOL 112B   Majors' Biology: (5)   Plants, Algae, Fungi and Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:   Plants, Algae, Ecology:	Biodiversity & the		BIOL	112A &	Majors' Biology: Animals, Protozoa, Evolution and	(5)		
CHEM 2B Genl Chemistry (5) CHEM 131 & General Chemistry I (5) CHEM 2C Genl Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry II (5) Organic Chem			  BIOL 	112B	Majors' Biology: Plants, Algae, Fungi	(5)		
CHEM 2B Genl Chemistry (5) CHEM 131 & General Chemistry I (5) CHEM 2C Genl Chemistry (5) CHEM 132 General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) General Chemistry II (5) CHEM 8B Organic Chem-Brief (4) CHEM 231 Organic Chemistry II (5) Organic	CHEM 2A Genl Chemistry	(5)	CHEM	131	General Chemistry I	(5)		
CHEM 2C Genl Chemistry (5) CHEM 132 General Chemistry II (5)  CHEM 8A Organic Chem-Brief (2) CHEM 231 & Organic Chemistry II (5)  CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry II (5)  OR OR OR OR  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  MATH 17A Calculus for BioSci (4) MATH 121 Calculus I with (3)  Applications  MATH 17B Calculus for BioSci (4) MATH 122 Calculus II with (3)  Applications  MATH 17C Calculus for BioSci (4) MO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A & General Physics II (4)  PHYSICS 7B General Physics (4) PHYS 108A & General Physics II (4)  PHYS 108B General Physics II (4)  It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UD 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) STAT 115 Introduction to (4) Statistics  OR MATH 115 Probability and (4)	<b>-</b>		CHEM	131 &				
CHEM 2C Genl Chemistry (5) CHEM 132 General Chemistry II (5)  CHEM 8A Organic Chem-Brief (2) CHEM 231 & Organic Chemistry II (5)  CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry II (5)  OR OR OR ORGANIC CHEMISTRY II (5)  CHEM 232 Organic Chemistry II (5)  OR OR ORGANIC CHEMISTRY II (5)  CHEM 18B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  MATH 17A Calculus for BioSci (4) MATH 121 Calculus I with (3)  Applications  MATH 17B Calculus for BioSci (4) MATH 122 Calculus II with (3)  Applications  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A & General Physics II (4)  PHYSICS 7B General Physics (4) PHYS 108A & General Physics II (4)  PHYS 108B General Physics II (4)  It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  PREPARATION FOR GRADUATION:  STATIST 13 Elementary Statistics (4) STAT 115 Introduction to (4) Statistics  OR MATH 115 Probability and (4)			CHEM	132	<del>-</del>			
CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry II (5)  OR OR OR  CHEM 118A Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  Organic Chemistry II (5)  OR  CHEM 232 Organic Chemistry II (5)  OR  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  Organic Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B G	CHEM 2C Genl Chemistry	(5)	CHEM	132	General Chemistry II	(5)		
CHEM 8B Organic Chem-Brief (4) CHEM 231 & Organic Chemistry II (5)  OR OR OR  CHEM 118A Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry II (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I (5)  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  Organic Chemistry II (5)  OR  CHEM 232 Organic Chemistry II (5)  OR  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  Applications  (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  CHEM 232 Organic Chemistry II (5)  Organic Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (5)  Chemistry II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B General Physics II (4)  PHYS 108B G	CHEM 8A Organic Chem-Brief	(2)	CHEM	231 <b>&amp;</b>	Organic Chemistry I	(5)		
OR  CHEM 118A Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry II (5) OR  CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 232 Organic Chemistry II (5) Organic Chemistry II (5) CHEM 232 Organic Chemistry II (5)  MATH 17A Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for BioSci (4) MATH 122 Calculus II with Applications  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  PREPARATION FOR GRADUATION:  STATIST 13 Elementary Statistics (4) STAT 115 Introduction to Statistics  OR  MATH 115 Probability and (4)	<u> </u>		:	_				
CHEM 118A Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 232 Organic Chemistry II (5) CHEM 232 Organic Chemistry II (5) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4)	CHEM 8B Organic Chem-Brief	(4)	:	_		(5)		
CHEM 118A Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 Organic Chemistry I (5) Organic Chemistry I (5) Organic Chemistry I (5) Organic Chemistry I (5) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic Chemistry II (4) Organic II (4) Organic II (4) Organic II (4) Organic II (4) Org	27		CHEM	232		(5)		
CHEM 118B Org Chem, Hlth & Sci (4) CHEM 231 & Organic Chemistry I (5) CHEM 232 Organic Chemistry II (5) Organic Chemistry II (5)  MATH 17A Calculus for BioSci (4) MATH 121 Calculus I with (3) Applications  MATH 17B Calculus for BioSci (4) MATH 122 Calculus II with (3) Applications  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  PREPARATION FOR GRADUATION:  STATIST 13 Elementary Statistics (4) STAT 115 Introduction to (4) STAT 115 OR OR OR OR OR OR OR OR OR OR OR OR OR		(4)	   Спем	231		(5)		
MATH 17A Calculus for BioSci (4) MATH 121 Calculus I with (3)  MATH 17B Calculus for BioSci (4) MATH 121 Calculus II with (3)  MATH 17B Calculus for BioSci (4) MATH 122 Calculus II with (3)  MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A General Physics I (4)  PHYSICS 7B General Physics (4) PHYS 108B General Physics II (4)  PHYS 108B General Physics I (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) STAT 115 Introduction to (4)  Same as: STATIST 13Y  OR  MATH 115 Probability and (4)								
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MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation  PHYSICS 7A General Physics (4) PHYS 108A & General Physics I (4) PHYS 108B General Physics II (4) PHYS 108B General Physics II (4) PHYS 108A & General Physics II (4) PHYS 108B General Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.  PREPARATION FOR GRADUATION:  STATIST 13 Elementary Statistics (4) STAT 115 Introduction to (4) Same as: STATIST 13Y Statistics  OR MATH 115 Probability and (4)	MATH 17B Calculus for Biosci	(4)	MATH	122	Calculus II with	(3)		
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STATIST 13 Elementary Statistics (4) STAT 115 Introduction to (4) Statistics Statistics   OR   MATH 115 Probability and (4)	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							
Same as: STATIST 13Y Statistics  OR  MATH 115 Probability and (4)	PREPARATION FOR GRADUATION:							
<u>OR</u>  MATH 115 Probability and (4)	STATIST 13 Elementary Statisti	ics (4)	STAT	115		(4)		
$\boxed{\text{MATH } 115}$ Probability and (4)	Same as: STATIST 13Y		   05	2	Statistics			
		   		_		(4)		

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 <a href="mailto:transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

### A.AFRICA

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

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#### B. ASIA

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

HISTORY	9В	East Asian Civ	(4)	NO COMPARABLE COURSE				
		C. E	UROP	E				
HISTORY	4A	Western Civ	(4)	HIST 110 Western Civilization (3)   I: To 1350				
HISTORY	4B	Western Civ	(4)	HIST 111   Western Civilization (3)   II: 1350 to 1815				
HISTORY	4C	Western Civ	(4)	HIST 112   Western Civilization (3)   III: 19th and 20th   Centuries				
D. LATIN AMERICA								
p) HISTO	DRY '	7A Latin America to	(4)	HIST 214 History of Latin (3)   America				
p) HISTO	DRY '		(4)	HIST 214 History of Latin (3)   America				
p) HISTO	DRY '	7C Latin America 1900-Present	(4)	HIST 214 History of Latin (3)   America				
		E. MIDD	LE E	AST				
HISTORY	6		(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation				
		F. UNI	TED :	STATES				
HISTORY	17A	U.S. History	(4)	HIST 117 History of the United (3)   States I				
HISTORY	17B	U.S. History	(4)	HIST 118 History of the United (3)   States II				
		Race in America to 1865		!				
		Am Women & Gender		!				
		Am Women & Gender		NO COURSE ARTICULATED: College has not				
				submitted course(s)for articulation				
HISTORY	85	Nat,Man&Mach/Amer	(4)	NO COMPARABLE COURSE				
		G.	WOR	LD				
HISTORY	1	Introduction to History	(2)	NO COURSE ARTICULATED: College has not  submitted course(s)for articulation				
HISTORY	2	Intro History of Science	(4)	NO COURSE ARTICULATED				
HISTORY	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE				
HISTORY	10A	World History to 1350	(4)	HIST 101 World History I: (4) Origins of the Major Traditions				
HISTORY	10B	World History 1350-1850	(4)	NO COMPARABLE COURSE				
HISTORY	10C	World History III	(4)	HIST 102 World History II: (4)   Evolution of the   Modern World				
HISTORY	11	Hist Jewish People	(4)	NO COURSE ARTICULATED: College has not  submitted course(s)for articulation				
HISTORY	12	Food and History	(4)	NO COURSE ARTICULATED: College has not  submited course(s)for articulation				
HISTORY	13	Global Sexualities	(4)	NO COURSE ARTICULATED				
		Hist Global Capitalism		NO COURSE ARTICULATED				
HISTORY				NO COURSE ARTICULATED				
HISTORY	90	Research in History	(4)	NO COURSE ARTICULATED				

p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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Select two of the following courses:								
ANTHRO 1	Human Evol Biol	(4)	ANTH 101   	Introduction to Physical/Biological Anthropology	(3)			
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102		(3)			
ANTHRO 15	Human Life Cycle	(5)	  NO COMPARA					
	Select one	COI	urse from:					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C     	Molecules, Cells, Prokaryotes and Genetics	(5)			
BIOLSCI 10	OR Everyday Biology OR	(4)	  BIOL 110   	OR Introduction to Biology OR	(3)			
MIC BIO 10	Natural History of Infectious Diseases <b>OR</b>	(3)		ARTICULATED: College has course(s) for articulation OR				
	Human Brain and Disease		PSY 251 Same as		(3)			
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARA	BLE COURSE				
	Select one	CO	urse from:					
HISTORY 17A	U.S. History	(4)	HIST 117 	States I	(3)			
HISTORY 17B	<b>OR</b> U.S. History	(4)	  HIST 118 	States II	(3)			
	OR			OR				

(4) POLS 100 American Political (3)

HISTORY 72A Am Women & Gender (4) NO COMPARABLE COURSE

HISTORY 72B Am Women & Gender (4) NO COMPARABLE COURSE

OR

OR

POL SCI 1 Amer Natl Govt

		. – – – .	OR  POLS 101 	Introduction to the Government of the United States	( - )
	Select two of th	e fo	llowing cou	rses:	
e) PHILOS 5 PHILOS 15	Critical Reasoning Intro to Bioethics	(4)	PHIL 112  BIOL 145   Same as   <u>OR</u>  GEOL 145   Same as	Ethics in Science  Ethics in Science	(3)
PHILOS 32 PHILOS 38	Intro Philos of Sci Scientific Reason Scientific Change Intro Philos of Biol	(4) (4)	NO COMPARAI NO COMPARAI NO COMPARAI NO COURSE A submitted	BLE COURSE BLE COURSE BLE COURSE	ition
NE PH B 10	Elem Human Physio		BIOL 224	Human Physiology	(5)
PSYCH 1 Ge	eneral Psychology		PSY 110		(3)
	Select one of the	foll	owing option	 ns:	
1) PSYCH 41	Research Methods	(4)	j	Research Methods : ANTH 205, BEHS 205,	
1) SOCIOL 462	<b>OR</b> A Intro Social Rsch	(4)	j	OR Introduction to Research Methods : ANTH 205, BEHS 205,	(3) SOC 205
SOCIOL 46B	AND Intro Social Rsch OR	(5)	  NO COMPARAI 	AND BLE COURSE OR	
STATIST 10	· · · · · · · · · · · · · · · · · · ·	(4)	NO COMPARAI	<del></del>	
	Elementary Statistics STATIST 13Y	(4)	  STAT 115     <b>OR</b>	~	(4)
			1 222	Probability and Statistics	(4)

Institutions

#### END OF MAJOR

- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both
- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

### ====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  $\underline{\text{highly recommended}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

<sup>\*</sup>Students majoring in Sustainable Agriculture and Food Systems who plan to

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

availabl	Le i	from our TAG website.					
BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOL   	112A <u>8</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL	112B <u>8</u>	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
				BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
CHEM 2A		Genl Chemistry	(5)	   СНЕМ	 131	General Chemistry I	(5)
		Genl Chemistry				General Chemistry I	(5)
		-	. ,		132	General Chemistry II	(5)
CHEM 2C		Genl Chemistry	(5)	CHEM	132	General Chemistry II	(5)
PHYSICS	9A	Classical Physics	(5)	PHYS	207A	Mechanics and Properties of Matter	(5)
PHYSICS	9В	-		PHYS		Heat, Light, Sound and Modern Physics	(5)
PHYSICS	9C	Classical Physics	(5)	PHYS   	207B 	Electricity and Magnetism	(5)
MATH 21A	A	Calculus	(4)	MATH 	123	Analytic Geometry and Calculus I	(5)
MATH 21E	3	Calculus		MATH 		Analytic Geometry and Calculus II	(5)
MATH 210	C	Calculus	(4)	MATH   	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D		Vector Analysis	(4)	MATH 	224	Elementary Differential Equations	(4)
MATH 22A		Linear Algebra		MATH		Linear Algebra	(3)
		Differntl Equations				Elementary Differential Equations	(4)
c) GEOLO	)GY	50 Physical Geology	(3)				
		L Physical Geol Lab					(1)
ENGIN 6		Engr Prob Solving	(4)	į		for Engineers	(4)
				Sa   <b>OI</b>	ame as:		
					150	Programming in MATLAB for Engineers	(4)

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

# ====International Agricultural Development B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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:

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

INT AG 10	Intro Intl Ag Development	(4)	NO C		LE COURSE	
PL SCI 2	Bot Physio Cul Plt	(4)	NO C	COMPARABI	LE COURSE	
	Soils in Our Environment	(3)	NO C	COMPARABI	LE COURSE	
ECON 1A F	rinc of Microecon	(4)	ECON 	ง 102	Principles of Microeconomics AND	(3)
ECON 1B F	rinc of Macroecon	(4)	ECON		Principles of Macroeconomics	(3)
	Elementary Statistics STATIST 13Y	(4)	į	 Γ 115 <b>DR</b>	Introduction to Statistics	(4)
	OR				Probability and Statistics OR	(4)
SOCIOL 46B	Intro Social Rsch	(5)	NO C	COMPARABI	*=-	
f) MATH 16A	Short Calculus	(3)	  MATF 	н 121 <u>&amp;</u>	Calculus I with Applications	(3)
				122 OR	Calculus II with Applications	(3)
			1 -		Analytic Geometry and Calculus I	(5)
			MATH		Analytic Geometry and Calculus II	(5)
CM&RGDE 1	The Community	(4)	NO C	COMPARABI	LE COURSE	

#### SIX QUARTER UNITS FROM THE FOLLOWING:

	<del></del>				
AGRESEC 15	Pop,Envr,World Agri	(4)	NO COMPARA	ABLE COURSE	
AN SCI 41	Domestic Ani Prod	(2)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	articulation
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s) for	articulation
CM&RGDE 20	Food Systems	(4)	NO COURSE	ARTICULATED:	College has not
			submitted	course(s)for	articulation
NUTR 10	Discoveries and Concepts	(3)	BIOL 100	Nutrition	(3)
PL SCI 1	Agr Nature & Society	(3)	NO COMPARA	ABLE COURSE	
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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a>.

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

\_\_\_\_\_\_ AREAS OF SPECIALIZATION: AGRICULTURAL PRODUCTION OPTION: BIOLSCI 2A Intro Biology:Life on (5) | BIOL 112C Majors' Biology: Molecules, Cells, Earth Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology |BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics CHEM 2A Genl Chemistry
CHEM 2B Genl Chemistry Genl Chemistry (5) CHEM 131 General Chemistry I
Genl Chemistry (5) CHEM 131 & General Chemistry I (5) | CHEM 132 | General Chemistry II (5) TRADE AND ECONOMIC DEVELOPMENT OPTION: f) MATH 16B Short Calculus (3) | MATH 121  $\underline{\mathbf{\epsilon}}$  Calculus I with (3) Applications MATH 122 Calculus II with (3) Applications |MATH 123 & Analytic Geometry and (5) Calculus I MATH 124 Analytic Geometry and (5) Calculus II (5) SOC 110 Introduction to (3) SOCIOL 1 Intro Sociology Sociology OR OR ANTHRO 2 Cultural Anthropology (5) ANTH 102 Introduction to (3) Cultural Anthropology AGRESEC 15 Pop, Envr, World Agri (4) NO COMPARABLE COURSE

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C     	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A     	<pre>Majors' Biology:    Animals, Protozoa,    Evolution and    Classification</pre>	(5)
			BIOL 112B   	<pre>Majors' Biology:     Plants, Algae, Fungi     and Ecology</pre>	(5)
			BIOL 112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
ENV S&P 1	Env Analysis	(4)	NO COMPARA	ABLE COURSE	
	RURAL CO	MMUNI	TIES OPTION	r <b>:</b>	
SOCIOL 1	Intro Sociology	(5)	SOC 110 	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 	Introduction to Cultural Anthropology	(3)

#### END OF MAJOR

## f) This articulation is "series for series" only.

#### ====International Relations A.B.====

#### Special Advising Note:

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

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

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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  $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$ 

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

ANTHRO 2	Cultural Anthropology OR	(5)	ANTH	102	Introduction to Cultural Anthropology OR	(3)
ECON 1A	~	(4)	  ECON 		Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 	101		(3)
HISTORY 4C	Western Civ	(4)	  HIST   		Western Civilization III: 19th and 20th Centuries OR	(3)
HISTORY 10	C World History III	(4)	  HIST   	102		(4)
POL SCI 2	Intro Comp Politics	(4)	POLS		Comparative Political Systems	
POL SCI 3	Internatl Relations	(4)	POLS	104		
Same as	Y Data Visualization :: COMUNCN 12Y, PSYCH 12Y su					not
	OR		İ		OR	
	Elementary Statistics STATIST 13Y	(4)	į		Introduction to Statistics	(4)
			<u>01</u>  MATH 		Probability and Statistics	(4)
	OR				OR	
SOCIOL 46E	Intro Social Rsch	(5)	NO CO	OMPARAB	LE COURSE	
	Scientific Study of Politics	(4)			RTICULATED: College has ourse(s) for articulatio	

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
ARABIC 2	Elem Arabic	(5)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
ARABIC 3	Elem Arabic	(5)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
AKABIC 3	Elem Alabic	(3)	submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
ARABIC 22	Intermed Arabic	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 22 ARABIC 23	Intermed Arabic Intermed Arabic	(5) (4)	NO COURSE ARTICULATED: College has not
AKADIC 23	intermed Arabic	(1)	submitted course(s) for articulation
	OR		OR
x) CHINESE	1 Elem Chinese	(5)	CHIN 101 Elementary Chinese (4)   Mandarin I
x) CHINESE	2 Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	3 Elem Chinese		NO COMPARABLE COURSE
x) CHINESE	4 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	5 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	6 Inter Chinese	(5)	NO COMPARABLE COURSE
	OR		OR
x) CHINESE	1CN Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
x) CHINESE	2CN Mand/Cant Spkrs II	(5)	NO COMPARABLE COURSE
x) CHINESE	<u>-</u>	(5)	NO COMPARABLE COURSE
\	OR	<b>/ -</b> \	OR
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	2BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE	3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
	III OR		
			OR
FRENCH 1	_	(5)	OR   FREN 101   Elementary French I (4)
FRENCH 1	Elementary French		FREN 101 Elementary French I (4)
FRENCH 2	Elementary French Elementary French	(5)	FREN 101   Elementary French I (4)   FREN 102   Elementary French II (4)
	Elementary French	(5) (5)	FREN 101 Elementary French I (4)
FRENCH 2 FRENCH 3 FRENCH 21	Elementary French Elementary French Elementary French Intermed French	(5) (5) (5)	FREN 101   Elementary French I (4)   FREN 102   Elementary French II (4)   FREN 102   Elementary French II (4)   FREN 203   Intermediate French (4)   III
FRENCH 2 FRENCH 3	Elementary French Elementary French Elementary French Intermed French	(5) (5) (5)	FREN 101   Elementary French I (4)   FREN 102   Elementary French II (4)   FREN 102   Elementary French II (4)   FREN 203   Intermediate French (4)   III   FREN 204   Intermediate French IV (4)
FRENCH 2 FRENCH 21 FRENCH 22	Elementary French Elementary French Elementary French Intermed French  Intermed French OR	(5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German	(5) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German	(5) (5) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Elementary German	(5) (5) (5) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German	(5) (5) (5) (5) (5) (5) (5) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Elementary German Intermediate German	(5) (5) (5) (5) (5) (5) (5) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German	(5) (5) (5) (5) (5) (5) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR	(5) (5) (5) (5) (5) (5) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21 HEBREW 1	Elementary French Elementary French Elementary French Intermed French  OR Elementary German Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew	(5) (5) (5) (5) (5) (5) (4) (4) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21 HEBREW 1 HEBREW 2	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (4) (4) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew I	(5) (5) (5) (5) (5) (4) (4) (5) (5) (5) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21 HEBREW 1 HEBREW 2 HEBREW 3	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew	(5) (5) (5) (5) (5) (4) (4) (5) (5) (5) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21 HEBREW 1 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21 HEBREW 21	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate Intermediate Int	(5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew I	(5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 3 FRENCH 21 FRENCH 22 GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21 HEBREW 1 HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21 HEBREW 21	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III	(5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22 HEBREW 22 HEBREW 22	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR	(5) (5) (5) (5) (5) (4) (4) (5) (5) (4) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4) OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED OR
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22 HEBREW 22 HEBREW 22	Elementary French Elementary French Elementary French Intermed French  Intermed French  OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR	(5) (5) (5) (5) (5) (4) (4) (5) (4) (4) (4) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4)
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22  HEBREW 22  HEBREW 23  HIN-URD 1  HIN-URD 1	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR Elem Hindi/Urdu II	(5) (5) (5) (5) (5) (4) (5) (4) (4) (4) (4) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4)
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22  HEBREW 22  HEBREW 23  HIN-URD 1	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR Elem Hindi/Urdu I	(5) (5) (5) (5) (5) (4) (5) (4) (4) (4) (4) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4)
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22  HEBREW 23  HIN-URD 1  HIN-URD 2  HIN-URD 3	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate Intermed Intermed Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR Elem Hindi/Urdu II Elem Hindi/Urdu II	(5) (5) (5) (5) (5) (4) (5) (4) (4) (4) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4)  OR  NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22  HEBREW 22  HEBREW 23  HIN-URD 1  HIN-URD 1	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German OR Elem Hebrew Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR Elem Hindi/Urdu II	(5) (5) (5) (5) (5) (4) (5) (4) (4) (4) (5) (5) (5)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4)
FRENCH 2 FRENCH 3 FRENCH 21  FRENCH 22  GERMAN 1 GERMAN 2 GERMAN 20 GERMAN 21  HEBREW 1 HEBREW 2 HEBREW 3 HEBREW 21  HEBREW 22  HEBREW 23  HIN-URD 1  HIN-URD 2  HIN-URD 3	Elementary French Elementary French Elementary French Intermed French Intermed French OR Elementary German Elementary German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate German Intermediate Intermed Intermed Elem Hebrew Elem Hebrew Intermed Modern Hebrew II Intermed Modern Hebrew III OR Elem Hindi/Urdu II Elem Hindi/Urdu II	(5) (5) (5) (5) (5) (4) (5) (4) (4) (4) (5) (5) (5) (4)	FREN 101 Elementary French I (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 102 Elementary French II (4) FREN 203 Intermediate French (4) III FREN 204 Intermediate French IV (4)  OR  NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation

			submitted course(s) for articulation
HIN-URD 23	Intermed Hindi/Urdu III	(4)	NO COURSE ARTICULATED: College has not
11111 0112 23	intermed initial, orda irr	( - /	submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101   Elementary Italian I (4)
ITALIAN 2	Elementary Italian		ITAL 101 & Elementary Italian I (4)
	-		ITAL 102 Elementary Italian II (4)
ITALIAN 3	Elementary Italian	(5)	ITAL 102 Elementary Italian II (4)
ITALIAN 4	Interm Italian	(4)	ITAL 203 Intermediate Italian (4)
			III
ITALIAN 5	Interm Italian	(4)	ITAL 203 & Intermediate Italian (4)
			_ III
			ITAL 204 Intermediate Italian (4)
			IV
	OR		OR
ITALIAN 1	Elementary Italian	(5)	ITAL 101
ITALIAN 2	Elementary Italian	(5)	ITAL 101 & Elementary Italian I (4)
			ITAL 102
ITALIAN 3	Elementary Italian	(5)	ITAL 102 Elementary Italian II (4)
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
	_		1
y) JPNESE 1	Elem Japanese		JPNS 101 Elementary Japanese I (4)
y) JPNESE 1 y) JPNESE 2	_		JPNS 101
y) JPNESE 2	Elem Japanese Elem Japanese	(5)	JPNS 101   Elementary Japanese I (4)   JPNS 101 & Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)
y) JPNESE 2 y) JPNESE 3	Elem Japanese Elem Japanese Elem Japanese	(5)	JPNS 101   Elementary Japanese I (4)   JPNS 101 & Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   Elementary Japanese II (4)   Elementary Japanese II (4)   Elementary Japanese II (4)
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4	Elem Japanese Elem Japanese Elem Japanese Inter Japanese	(5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101 & Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101 & Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE   NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101   Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR	(5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 & Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5)	JPNS 101
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101   Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR	(5) (5) (5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101   Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1  PORTUG 2	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5) (5)	JPNS 101   Elementary Japanese I (4)   JPNS 101 & Elementary Japanese I (4)   JPNS 102   Elementary Japanese II (4)   JPNS 102   Elementary Japanese II (4)   NO COMPARABLE COURSE   NO COMPARABLE COURSE   NO COMPARABLE COURSE   OR   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s) for articulation   Submitted course(s)   Submitted   Submit
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1  PORTUG 2	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1  PORTUG 2  PORTUG 3  PORTUG 21	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1  PORTUG 2  PORTUG 3  PORTUG 21	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR	(5) (5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
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y) JPNESE 2  y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6  PORTUG 1  PORTUG 2  PORTUG 3  PORTUG 21  PORTUG 22  RUSSIAN 1 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3	Elem Japanese Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese  OR Elementary Russian Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	JPNS 101 Elementary Japanese I (4) JPNS 101 Elementary Japanese I (4) JPNS 102 Elementary Japanese II (4) JPNS 102 Elementary Japanese II (4) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
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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.

	OR				OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 1	101	Elementary Spanish I (4	)
SPANISH 2	Elementary Spanish	(5)	SPAN 1	101	& Elementary Spanish I (4	)
			SPAN 1	102	Elementary Spanish II (4	)
SPANISH 3	Elementary Spanish	(5)	SPAN 1	102	Elementary Spanish II (4	)
SPANISH 21	Intm Spanish	(5)	SPAN 2	203	Intermediate Spanish (4	)
					III	
SPANISH 22	Intm Spanish	(5)	SPAN 2	204	Intermediate Spanish (4	)
					IV	
	OR				OR	

SPANISH	31	Int	Span	Nat	Spk	I	(5)	NO	COMPARABLE	COURSE
SPANISH	32	Int	Span	Nat	Spk	ΙI	(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

- $\mathbf{x}$ ) 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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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

ITALIAN 1	Elementary Italian	(5)	ITAL	101		Elementary Italian I	(4)
ITALIAN 2	Elementary Italian	(5)	ITAL	101	&	Elementary Italian I	(4)
			ITAL	102		Elementary Italian II	(4)
ITALIAN 3	Elementary Italian	(5)	ITAL	102		Elementary Italian II	(4)
ITALIAN 4	Interm Italian	(4)	ITAL	203		Intermediate Italian	(4)
						III	
ITALIAN 5	Interm Italian	(4)	ITAL	203	&	Intermediate Italian	(4)
						III	
			ITAL	204		Intermediate Italian	(4)
						IV	
ITALIAN 9	Reading Italian	(4)	ITAL	204		Intermediate Italian	(4)
						IV	

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.

# 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 <a href="Japanese placement exams">Japanese placement exams</a> and also information regarding <a href="foreign language placement exams">foreign language placement exams</a>. For more information, check with your UC Davis College Dean's Office or department advisor upon enrollment.

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

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

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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 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

\_\_\_\_\_\_ y) JPNESE 1 Elem Japanese (5) | JPNS 101 Elementary Japanese I (4) y) JPNESE 2 Elem Japanese (5) | JPNS 101 & Elementary Japanese I (4) y) JPNESE 3 Elem Japanese (5) JPNS 102 Elementary Japanese II (4)
y) JPNESE 4 Inter Japanese (5) NO COMPARABLE COURSE
y) JPNESE 5 Inter Japanese (5) NO COMPARABLE COURSE
y) JPNESE 6 Inter Japanese (5) NO COMPARABLE COURSE

## RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4)	NO	COMPARABLE	COURSE
JPNESE 25	Language & Culture (in	(4)	NO	COMPARABLE	COURSE
	English)				
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		ĺ		
LINGUIS 1	Intro Linguistics	(4)	NO	COMPARABLE	COURSE
HISTORY 9B	East Asian Civ	(4)	NO	COMPARABLE	COURSE

END OF MAJOR

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

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. In particular, it is  $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$  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 for details.

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

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

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

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

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

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

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

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

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

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

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	SPCH 122	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4)	  ENGL 151   	Reading and Composition (1B) OR	(4)
UWRITING 1	Expository Writing  OR	(4)	ENGL 150   	Reading and Composition (1A) <b>OR</b>	(4)
	Style in the Essay UWRITING 18 OR	(4)	ENGL 155	Critical Thinking and Composition <b>OR</b>	(4)
UWRITING 49 Formerly UW	Writing Research Papers WRITING 19	(4)	NO COMPAR 	ABLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 112A     	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL 112B   	<pre>Majors' Biology:     Plants, Algae, Fungi     and Ecology</pre>	(5)
			BIOL 112C     	~ -	(5)
ENVHORT 6	Intro Environ Plants	(4)		ARTICULATED: College has	

#### ONE COURSE FROM THE FOLLOWING:

		MATH 122 	Calculus II with Applications	(3)
		<u>OR</u>  MATH 123 <u>&amp;</u> 	Analytic Geometry and Calculus I	(5)
		MATH 124 	Analytic Geometry and Calculus II	(5)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	į	Introduction to Statistics	(4)
		OR 115	D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(4)
		MATH 115 	Probability and Statistics	(4)
ENG CS 32A Intro to Programming(4)		COMP 130	Introduction to	(4)
Formerly ENG CS 10			Computer Programming	
			Using C++	
ONE COURSE FR	OM T	HE FOLLOWING	:	
CHEM 2A Genl Chemistry	(5)	CHEM 131	General Chemistry I	(5)
CHEM 10 Concept of Chem			Chemistry in the Human Environment	
PHYSICS 1A Principles Physics	(3)	NO COMPARAB	LE COURSE	
PHYSICS 1A Principles Physics PHYSICS 10 Topics, Nonscientists o) GEOLOGY 1 The Earth	(4)	PHYS 110	Introductory Physics	(3)
				(3)
SOILSCI 10 Soils in Our Environment	(3)	NO COMPARAB:	LE COURSE	
LND ARC 1 Intro Environ Design	(4)	NO COMPARAB	LE COURSE	
LND ARC 2 Place, Culture, Community		NO COMPARAB		
LND ARC 3 Sustainable Development		NO COURSE A	RTICULATED: College has	not
		!	ourse(s) for articulati	on
LND ARC 21 Landscape Rep I	(4)	NO COMPARAB	LE COURSE	
Formerly Design Visualization		<u> </u>		
LND ARC 23 Landscape Rep II		NO COURSE A		
LND ARC 30 History Environ Design		!		
LND ARC 50 Site Ecology		NO COMPARAB		
LND ARC 60 Landform Grading Studio		!		
LND ARC 70 Intro to Spacemaking	(4) 	INO COMPARAB.	LE COURSE	

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

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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

- f) This articulation is "series for series" only.
- $_{\odot})$  If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

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

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

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

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### Transfer Admission Guarantee (TAG) Note:

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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#### Special Advising Note for Future Applicants\*

Beginning fall 2021, the major managerial economics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement(AP) or International Baccalaureate (IB) Higher Level examinations may satsify UC Davis course equivalents).

- -Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- -Economics 1A/B
- -Statistics 13
- \*Information for future applicants is subject to change.

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

COMUNCN 1 Intro Public Spi	kg (4)   SPCH	122 Public Speaking <b>OR</b>	(3)
COMUNCN 3 Intprsnl Com Cmj	petnce (4) NO CO	MPARABLE COURSE	
AGRESEC 18 Business Law	(4) BUS 1	07 Business Law	(3)
ECON 1A Princ of Microecon	n (4)   ECON	102 Principles of Microeconomics	(3)
ECON 1B Princ of Macroecon	n (4) ECON	101 Principles of Macroeconomics	(3)
PL SCI 21 Computers in Tec	chnology (3) NO CO	MPARABLE COURSE  OR	
B) ENG CS 15 Intro to Comp	outers (4) CIS 1	10 Introduction to Computer Information Systems	(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.

MGMT 11A MGMT 11B	Elem Accounting Elem Accounting		BUS 112  BUS 113		Financial Accounting Managerial Accounting	(4) (5)
f) MATH 16A	Short Calculus	(3)	  MATH 12: 	1 <u>&amp;</u>	Calculus I with Applications	(3)
			MATH 12: 	!2	Calculus II with Applications	(3)
			<u>OR</u>  MATH 12: 	.3 <u>&amp;</u>	Analytic Geometry and Calculus I	(5)

			MATH	124	Analytic Geometry and (5) Calculus II
f) MATH 16B	Short Calculus	(3)	MATH	121	Calculus I with (3) Applications
			MATH		Calculus II with (3) Applications
			0	_	1
			  MA.I.H	123	Analytic Geometry and (5) Calculus I
			MATH 	124	Analytic Geometry and (5) Calculus II
f) MATH 16C	Short Calculus	(3)	MATH	121	$\underline{\&}$ Calculus I with (3)
			ļ		Applications
			MATH	122	( )
			   0:	ь	Applications
			1	_	& Analytic Geometry and (5)
				123	Calculus I
			MATH	124	Analytic Geometry and (5)
			İ		Calculus II
	OR		ĺ		OR
MATH 17A	Calculus for BioSci	(4)	MATH 	121	Calculus I with (3) Applications
MATH 17B	Calculus for Biosci	(4)	MATH	122	Calculus II with (3)
					Applications
MA COTT 013	OR	(4)		100	OR
MATH 21A	Calculus	(4)	MATH 	123	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH	124	
					Calculus II
STATIST 13	Elementary Statistics	(4)	   STAT	115	Introduction to (4)
	STATIST 13Y	\ - /			Statistics
			01	R	
			MATH	115	Probability and (4)
					Statistics

## 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.
- f) This articulation is "series for series" only.

# ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 U<u>C Transfer Admission website</u>. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

avarrabr	C IIO	n our ii	o webbic	<b>.</b>						
BIOLSCI	2A	Intro E Earth	Biology:L	ife on	(5)	  BIOL   	1120	:	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI :	2В	Intro E & Evolu		Ecology	(5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
						BIOL	112B	<u>&amp;</u>		(5)
						BIOL	1120	1	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI :	2C			the Tree	(5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
						BIOL	112B	3	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	Ger	nl Chemi	strv		(5)	CHEM	131		General Chemistry I	(5)
		nl Chemi				1			General Chemistry I	(5)
			_			CHEM			General Chemistry II	
CHEM 2C	Gei	nl Chemi	stry		(5)	CHEM	132		General Chemistry II	(5)
f) MATH	16A	Short	Calculus		(3)	   MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)
						MATH     OF			Calculus II with Applications	(3)
						MATH	_	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
						  MATH	124		Analytic Geometry and Calculus II	(5)
f) MATH	16B	Short	Calculus		(3)	  MATH 	121		Calculus I with Applications	(3)
						  MATH     OF			Calculus II with Applications	(3)
						<u>01</u>  MATH 		<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
						MATH 	124		Analytic Geometry and Calculus II	(5)

f) MATH 16C	Short	Calculus	(3)	MATH	121 <u>s</u>	
						Applications
				MATH	122	Calculus II with (3)
				0	n	Applications
				<u>О</u>  матн	<u>s.</u> 123 <b>s</b>	: Analytic Geometry and (5)
					123	Calculus I
				  MATH	124	Analytic Geometry and (5)
					121	Calculus II
	OF	١				OR
MATH 17A	Calculus	for BioSci	(4)	MATH	121	Calculus I with (3)
			,	i		Applications
MATH 17B	Calculus	for Biosci	(4)	MATH	122	Calculus II with (3)
				İ		Applications
MATH 17C	Calculus	for BioSci	(4)	NO C	OURSE	ARTICULATED: College has not
						course(s) for articulation
	OF	₹		İ		OR
MATH 21A	Calculus		(4)	MATH	123	Analytic Geometry and (5)
						Calculus I
MATH 21B	Calculus		(4)	MATH	124	Analytic Geometry and (5)
						Calculus II
MATH 21C	Calculus		(4)	MATH	223	Analytic Geometry, (5)
						Vector Analysis and
						Calculus III
					1007	
PHYSICS 7A	General	l Physics	(4)	:		<u>&amp;</u> General Physics I (4)
DIMATAA 7D	G = = = = = 1	l Dharai aa	(1)	1	108B	±
PHYSICS 7B	General	l Physics	(4)			<u>&amp;</u> General Physics I (4)
DIIVCTAC 7A	Conomol	Dhraiga	(1)	1	108B	General Physics II (4)
PHYSICS 7C	General	l Physics	(4)		108A 108B	
Tt ia biabl	II KOGOMMOR	adad that atudant				General Physics II (4) entire physics series at
						tire UC Davis Physics 7A/B/C
						thout completing an entire
						ourses upon arrival at UC
						before continuing with
physics.	wiii need	to meet with a t	с ра	VIS a	AVISOI	before continuing with
physics.	OF	2		I		OR
PHYSICS 9A	_	cal Physics	(5)	PHYS	207A	Mechanics and (5)
	0100010		( )		_ 5 , 11	Properties of Matter
PHYSICS 9B	Classic	cal Physics	(5)	PHYS	207C	Heat, Light, Sound (5)
- · · · · · ·	- 12.2.2.2.2	4	/	i		and Modern Physics
PHYSICS 9C	Classic	cal Physics	(5)	PHYS	207B	Electricity and (5)
		4	. ,	İ		Magnetism
				<u>.</u>		

# 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

# f) This articulation is "series for series" only.

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

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it 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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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BIOLSCI 2A Intro Biology:Life on (5) BIOL 112C Majors' Biology: (5) Molecules, Cells, Earth Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) | BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology:
Plants, Algae, Fungi (5) and Ecology |BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics BIOLSCI 2C Intro Biology: (5) BIOL 112A  $\underline{\mathbf{\epsilon}}$  Majors' Biology: (5) Biodiversity & the Tree Animals, Protozoa, of Life Evolution and Classification |BIOL 112B Majors' Biology: (5) Plants, Algae, Fungi and Ecology · ------(5) CHEM 131 General Chemistry I (5) (5) CHEM 131 & General Chemistry I (5) CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry | CHEM 132 | General Chemistry II (5) | CHEM 132 | General Chemistry II (5) | AND CHEM 2C Genl Chemistry AND CHEM 8A Organic Chem-Brief (2) CHEM 231 & Organic Chemistry I (5)

CHEM 232 Organic Chemistry II (5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM CHEM		<del>_</del>
MATH 17A	Calculus for BioSci	(4)	MATH	121	Calculus I with (3) Applications
MATH 17B	Calculus for Biosci	(4)	MATH	122	
MATH 17C	Calculus for BioSci	(4)	!		ARTICULATED: College has not course(s) for articulation
	OR		İ		OR
MATH 21A	Calculus	(4)	MATH	123	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH	124	Analytic Geometry and (5) Calculus II
PHYSICS 7A	General Physics	(4)	PHYS		
			PHYS		<u> </u>
PHYSICS 7B	General Physics	(4)	PHYS		
			PHYS		<del>-</del>
PHYSICS 7C	General Physics	(4)	PHYS		<del></del>
			PHYS	108B	General Physics II (4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and	(5)
					Properties of Matter	
PHYSICS 9B	Classical Physics	(5)	PHYS	207C	Heat, Light, Sound	(5)
					and Modern Physics	
PHYSICS 9C	Classical Physics	(5)	PHYS	207B	Electricity and	(5)
					Magnetism	

#### STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
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  $\underline{\text{highly recommended}}$  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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# College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

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

You should also be aware, however, that the University requires two courses in

English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

avallab.	re rro	n our lag website.						
BIOLSCI	2A	Intro Biology:Life or Earth	n (5)	  BIOL   	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biology: Ecolog & Evolution	gy (5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL	112B	<u>&amp;</u>		(5)
				BIOL	112C	!	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tr of Life		BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL   	112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
		nl Chemistry		CHEM			General Chemistry I	(5)
CHEM 2B	Gei	nl Chemistry	(5)	CHEM			General Chemistry I General Chemistry II	
CHEM 2C	Gei	nl Chemistry	(5)	CHEM			General Chemistry II	(5)
f) MATH	16A	Short Calculus	(3)	   MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)
				MATH	122		Calculus II with Applications	(3)
				OI OI	_			
				MATH		_	Analytic Geometry and Calculus I	
				MATH 	124		Analytic Geometry and Calculus II	(5)
f) MATH	16B	Short Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with Applications	(3)
				  MATH 	122		Calculus II with Applications	(3)
				OI	_			<i>,</i> = :
				MATH		<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
				MATH	124		Analytic Geometry and	(5)

							Calculus II		
f) MATH 16C	Short Ca	alculus	(3)	MATH	121	&	Calculus I wit	h	(3)
							Applications		
				MATH	122		Calculus II wi	th	(3)
					_		Applications		
				<u>OI</u>	_	_	7 7 1 2		· (F)
				MATH	123	<u>&amp;</u>	Analytic Geome	try an	id (5)
				  MATH	104		Calculus I	<b></b>	٦ (٢)
				MAIH	124		Analytic Geome Calculus II	try an	id (5)
	OR			 			OR		
MATH 17A	Calculus fo	or BioSci	(4)	  MATH	121		Calculus I wit	h	(3)
	00100100 10	71 310201	( - /				Applications		(5)
MATH 17B	Calculus fo	or Biosci	(4)	MATH	122		Calculus II wi	th	(3)
							Applications		
MATH 17C	Calculus fo	or BioSci	(4)	NO CO	OURSE	AF	RTICULATED: Col	lege h	as not
				submi	itted	lco	ourse(s) for ar	ticula	tion
	OR						OR		
MATH 21A	OR Calculus		(4)	subm:    MATH			OR Analytic Geome		
	Calculus			  MATH 	123		OR Analytic Geome Calculus I	try an	id (5)
MATH 21A					123		OR Analytic Geome Calculus I Analytic Geome	try an	id (5)
MATH 21B	Calculus Calculus		(4)	  MATH    MATH	123 124		OR Analytic Geome Calculus I Analytic Geome Calculus II	try an	ad (5)
	Calculus		(4)	  MATH 	123 124		OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome	try an try an	ad (5)
MATH 21B	Calculus Calculus		(4)	  MATH    MATH	123 124		OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi	try an try an	ad (5)
MATH 21B	Calculus Calculus		(4)	  MATH    MATH	123 124		OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome	try an try an	ad (5)
MATH 21B	Calculus Calculus	 Physics	(4)	  MATH  MATH    MATH 	123 124 223	. — — -	OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi	try an try an try, s and	ad (5) ad (5)
MATH 21B	Calculus Calculus Calculus	Physics	(4)	  MATH  MATH    MATH 	123 124 223	·	OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi Calculus III	try and try, s and cs I	ad (5) ad (5)
MATH 21B	Calculus Calculus Calculus	_	(4)	  MATH  MATH  MATH    MATH 	123 124 223 108A 108B	. — — - 1. <u>&amp;</u> 1.	OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi Calculus III General Physi General Physi	try and try, s and cs I cs II	d (5) d (5) (5)
MATH 21B MATH 21C  PHYSICS 7A  PHYSICS 7B	Calculus Calculus Calculus General F	hysics	(4) (4) (4) (4)	MATH MATH MATH PHYS PHYS PHYS PHYS	123 124 223 108A 108B 108A	. <u>&amp;</u> .	OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi Calculus III General Physi General Physi General Physi General Physi	try and try, s and cs I cs II cs I cs II	d (5)  (5)  (4) (4) (4)
MATH 21B MATH 21C	Calculus Calculus Calculus General F	hysics	(4) (4) (4) (4)	MATH MATH MATH PHYS PHYS PHYS PHYS	123 124 223 108A 108B 108B 108B		OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi Calculus III General Physi General Physi General Physi General Physi General Physi General Physi	try an try, s and cs I cs I cs I cs I cs I	d (5) d (5) (5) (4) (4) (4) (4)
MATH 21B  MATH 21C  PHYSICS 7A  PHYSICS 7B  PHYSICS 7C	Calculus Calculus Calculus General P General P	Physics	(4) (4) (4) (4) (4)	MATH  MATH  MATH  PHYS  PHYS  PHYS  PHYS  PHYS  PHYS  PHYS	123 124 223 108A 108B 108A 108B 108A	. <u>&amp;</u>	OR Analytic Geome Calculus I Analytic Geome Calculus II Analytic Geome Vector Analysi Calculus III General Physi General Physi General Physi General Physi General Physi General Physi	try and try, s and cs I cs I cs I cs I cs I cs I cs I cs	d (5)  d (5)  (5)  (4) (4) (4) (4) (4)

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	207B	Electricity and Magnetism	(5)

# STRONGLY RECOMMENDED:

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

### END OF MAJOR

# f) This articulation is "series for series" only.

====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  $\frac{\text{highly recommended}}{\text{Preparing well for the major helps}}$  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 <a href="http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/">http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</a> 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A Intro Biology: Life on (5) BIOL 112C Majors' Biology: (5)

Earth Molecules, Cells,
Prokaryotes and
Genetics

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5)
& Evolution Animals, Protozoa,

BIOLSCI	2C Intro Biology: Biodiversity & the Tre of Life		  BIOL  BIOL    BIOL 	112C	Molecules, Cells, Prokaryotes and Genetics
			BIOL     	112B	
	Genl Chemistry				General Chemistry I (5)
CHEM 2B	Genl Chemistry				<pre>General Chemistry I (5) General Chemistry II (5)</pre>
CHEM 2C	Genl Chemistry	(5)	CHEM	132	General Chemistry II (5)
f) MATH	16A Short Calculus	(3)	  MATH 	121	© Calculus I with (3) Applications
			MATH     OF		Calculus II with (3) Applications
			<u>51</u>  MATH 	_	Analytic Geometry and (5) Calculus I
			MATH	124	Analytic Geometry and (5) Calculus II
f) MATH	16B Short Calculus	(3)	  MATH 	121 8	<u>Security 11</u> Calculus I with (3) Applications
			MATH		Calculus II with (3) Applications
			<u>OF</u>  MATH 	_	Analytic Geometry and (5) Calculus I
			MATH	124	Analytic Geometry and (5) Calculus II
f) MATH	16C Short Calculus	(3)	  MATH 	121 8	
			MATH	122	Calculus II with (3)
			OF	-	Applications
			MATH 	123 8	Calculus I
			MATH	124	Analytic Geometry and (5) Calculus II
MATH 17A	<b>OR</b> Calculus for BioSci	(4)	  MATH	121	OR Calculus I with (3)
MATH 17B			    MATH		Applications Calculus II with (3)
MATH 17C	Calculus for BioSci	(4)	  NO CC	URSE	Applications ARTICULATED: College has not
	OR		submi	tted	course(s) for articulation OR
MATH 21A		(4)	  MATH 	123	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	  MATH 	124	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH	223	Analytic Geometry, (5) Vector Analysis and

		'	' 						
PHYSICS 7A	General Physics	(4)	PHYS	108A &	<u>&amp;</u>	General	Physics	I	(4)
			PHYS	108B		General	Physics	ΙΙ	(4)
PHYSICS 7B	General Physics	(4)	PHYS	108A 8	<u>&amp;</u>	General	Physics	I	(4)
			PHYS	108B		General	Physics	ΙΙ	(4)
PHYSICS 7C	General Physics	(4)	PHYS	108A 8	<u>&amp;</u>	General	Physics	I	(4)
			PHYS	108B		General	Physics	ΙI	(4)

Calculus III

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

	OR				OR	
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS	207C	Heat, Light, Sound and Modern Physics	(5)
PHYSICS 9C	Classical Physics	(5)	PHYS	207B	Electricity and Magnetism	(5)

#### STRONGLY RECOMMENDED:

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

#### END OF MAJOR

f) This articulation is "series for series" only.

====Materials Science & Engineering B.S.====

#### Special Advising Note:

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

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#### IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering major. Strive to achieve your highest possible GPA in order to be most

competitive. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents.

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

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

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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#### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

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#### END OF MAJOR

# ====Mathematical & Scientific Computation B.S.==== Special Advising Note:

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

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

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# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <u>UC Davis General</u> <u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

\_\_\_\_\_\_ (4) MATH 123 Analytic Geometry and (5) MATH 21A Calculus Calculus I (4) MATH 124 Analytic Geometry and (5) MATH 21B Calculus Calculus II MATH 21C Calculus (4) MATH 223 Analytic Geometry, (5) Vector Analysis and Calculus III OR OR MATH 17A Calculus for BioSci (4) | MATH 121 Calculus I with (3)

			  NO COURSE  submitted	Applications Calculus II with Applications ARTICULATED: College has course(s) for articulati	not
	Vector Analysis Differntl Equations		MATH 224 		(4)
NOTE: Basic	or equivalent basic knowledge of MATLAB is	<b>knowle</b> requir n Engi:	submitted dge of MATI ed for both neering 6,	h MATH 67 and 22A. Stude Mechanical Engineering 5	n ents
MATH 22A MATH 108	AND	(3)	MATH 116 	SES: Linear Algebra AND se must be taken at UC Da	
		(4)	submitted	OURSE: ARTICULATED: College has course(s) for articulati	on
ENG CS 32A			COMP 130	Introduction to Computer Programming Using C++	
ENGIN 6	Engr Prob Solving	(4)	   Same as   <u>OR</u>		
			COMP 150     Same as	Programming in MATLAB for Engineers:	(4)

### END OF MAJOR

# ====Mathematical Analytics and Operations Research B.S.==== Special Advising Note:

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

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

# Transfer Admission Guarantee (TAG) Note:

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

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#### Education(GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MATH	21A	Calculus	(4)	MATH 	123	Analytic Geometry and Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	124	Analytic Geometry and Calculus II	(5)
MATH	21C	Calculus	(4)	HTAM   	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	224	Elementary Differential Equations	(4)
MATH	22B	Differntl Equations	(3)	MATH 	224	Elementary Differential Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	!		ARTICULATED: College has 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).

in the one	unit course mathematics 2	ZAL (may be taken concurrenciy).	
	BOTH OF THE	FOLLOWING COURSES:	
MATH 22A	Linear Algebra	(3) MATH 116 Linear Algebra	(3)
	AND	AND	
MATH 108	Intro Abstract Math	(4) This course must be taken at UC Day	/is
	OR SELECT	THE FOLLOWING COURSE:	
MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED: College has	not
		submitted course(s) for articulation	n
	Intro to Programming(4)		(4)
Former	ly ENG CS 10	Computer Programming	
		Using C++	
	OR	OR	
		(4) DYGG 150	( 1 )
ENGIN 6	Engr Prob Solving	(4) ENGG 150 Programming in MATLAB	(4)
		for Engineers	
		Same as:	

OR

			COMP 150     Same as:	Programming in MATLAB for Engineers	(4)
ECON 1A	Princ of Microecon	(4)	ECON 102 	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 101	Principles of Macroeconomics	(3)
STATIST 32	Gateway to Data Science	(4) 	NO COMPARAE	BLE COURSE	

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 Baccaulaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Mathematics 21A/B/C/D
- -Mathematics 22A or Mathematics 67
- -Mathematics 22B

\*Information for future applicants is subject to change

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MATH	21A	Calculus	(4)	MATH	123	Analytic Geometry and Calculus I	(5)
MATH	21B	Calculus	(4)	  MATH 	124	Analytic Geometry and Calculus II	(5)
MATH	21C	Calculus	(4)	MATH   	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH	21D	Vector Analysis	(4)	  MATH 	224	Elementary Differential Equations	(4)
MATH	22B	Differntl Equations	(3)	MATH 	224	Elementary Differential Equations	(4)
MATH	22AL	Lin Alg Comp Lab	(1)	ı		ARTICULATED: College has 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 TH	FOLLOWING COURSES:	
MATH 22A	Linear Algebra	(3)   MATH 116 Linear Alge	bra (3)
	AND	AND	
MATH 108	Intro Abstract Math	(4) This course must be tak	en at UC Davis
	OR SELECT	THE FOLLOWING COURSE:	
MATH 67	Modern Linear Algebra	(4) NO COURSE ARTICULATED:	College has not
		submitted course(s) for	articulation
ENG CS 32A	Intro to Programming(4)	COMP 130 Introductio	n to (4)
Former	ly ENG CS 10	Computer Pr	ogramming
		Using C++	
	OR	OR	
ENGIN 6	Engr Prob Solving	(4) ENGG 150 Programming	in MATLAB (4)
		for Enginee	rs
		Same as:	

OR

|COMP 150 | Programming in MATLAB (4) | for Engineers | Same as:

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 Baccaulaureate (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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

(4) MATH 123 Analytic Geometry and (5) MATH 21A Calculus Calculus I (4) | MATH 124 Analytic Geometry and (5) MATH 21B Calculus Calculus II (4) MATH 223 Analytic Geometry, (5) MATH 21C Calculus Vector Analysis and Calculus III MATH 21D Vector Analysis (4) MATH 224 Elementary (4)Differential Equations MATH 22B Differntl Equations (3) MATH 224 Elementary Differential Equations (4)Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not MATH 22AL |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 116 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENG CS 32A Intro to Programming(4) COMP 130 Introduction to (4)

Formerly ENG CS 10 | COMP 130 Introduction to (4)

Formerly ENG CS 10 | Computer Programming

Using C++

OR | OR

ENGIN 6 Engr Prob Solving (4) | ENGG 150 Programming in MATLAB (4)

	for Engineers	
Same as:		
OR		
COMP 150	Programming in MATLAB	(4)
	for Engineers	
Same as:		

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

	PLAN 1: GENERAL	MATHE	MATIC	s		
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and	(5)
					Properties of Matter	
	PLAN 2: MATHEMA	ATICS :	FOR S	ECONDA:	RY TEACHING	
DHYSICS 7A	General Physics	(4)	Грнус	108A	& General Physics I	(4)
11110100 /11	deneral injures	(1)	!	108B	<del>-</del>	(4)
	OR			1002	OR	( - /
PHYSICS 9A	Classical Physics	(5)	PHYS	207A	Mechanics and	(5)
			ĺ		Properties of Matter	
	OR				OR	
STATIST 13	Elementary Statistics	(4)	STAT	115	Introduction to	(4)
Same as:	STATIST 13Y		ļ		Statistics	
			<u>o</u>	_		
			MATH	115	Probability and	(4)
					Statistics	
	OR				OR	
STATIST 32	Gateway to Data Science	(4)	NO C	OMPARA:	BLE COURSE	
END OF WATOR						
END OF MAJOR						

# ====Mechanical Engineering B.S.====

# Special Advising Note:

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

# IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

# Special Advising Note:

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

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

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

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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### General Education (GE) Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-2019  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

### ====Medieval and Early Modern Studies A.B.====

# Special Advising Note:

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

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

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

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

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

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

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# College Foreign Language Requirement Note:

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

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

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

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MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:

ARTHI 1B ARTHI 1C	Mediev&Renaiss Art Baroque to Modern Art	(4)	ART 102  ART 102 <u>&amp;</u>  ART 103	<u>S-</u>	History of European Art History of European Art History of Modern Art	(3)
ARTHI 1E	Islamic Art & Architecture		ART 110		History of Islamic Art	
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	  ENGL 224 	<u>&amp;</u>	Survey of World Literature I	(3)

		ENGL 225 Survey of World (3)
		Literature II
COMPLIT 10A Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10B Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10C Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10D Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
COMPLIT 10E Master Authors	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
_	(4)	ENGL 222 Survey of English (3)
I: To 1700		Literature I
GERMAN 48 Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A Western Civ	(4)	HIST 110 Western Civilization (3)
		I: To 1350
HISTORY 4B Western Civ	(4)	HIST 111 Western Civilization (3)
		II: 1350 to 1815
HUMAN 1 Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
HUMAN 9 Don Quixote	(2)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
PHILOS 21 Phil Classics: Ancient	(4)	PHIL 115 History of Philosophy: (3)
		Ancient
PHILOS 22 Phil Classics: Modern	(4)	NO COMPARABLE COURSE

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

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END OF MAJOR

# ====Microbiology A.B.====

# Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL   	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	112A		(5)
			BIOL	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL     	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL	112A	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			  BIOL   	112B	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CITEM OF	Conl Chomistry			121	Conomal Chemiaters I	/ E \
	Genl Chemistry Genl Chemistry		1	131	General Chemistry I General Chemistry I	(5) (5)
CUEM 2P	Geni Chemistry	(3)	CHEM		General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	•	231 <u>&amp;</u>		(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	232 231 <b>&amp;</b>		(5) (5)
CHEM OB		(1)	CHEM	_	Organic Chemistry II	(5)
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	(1)	   CUEM	231	<b>OR</b> Organic Chemistry I	(5)
CHEM 118A	Org Chem, Hlth & Sci			231 &		(5)
CHEN 110D	org chem, men a ber	( 1 )	CHEM		Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM		Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	  MATH 	121	Calculus I with Applications	(3)
MATH 17B	Calculus for Biosci	(4)	  MATH 	122		(3)
	OR				OR	
MATH 21A	Calculus	(4)	MATH	123		(5)
MATH 21B	Calculus		  MATH 			(5)
	Principles Physics		NO CO			
PHYSICS 1B	Principles Physics	(3)			BLE COURSE	

		OR						OR			
PHYSICS	7A	General	Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)
PHYSICS	7в	General	Physics	(4)	PHYS	108A	&	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYS	108A	<u>&amp;</u>	General	Physics	I	(4)
					PHYS	108B		General	Physics	II	(4)

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

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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 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <a href="UC Transfer">UC Transfer</a>
<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI	2A	Intro Biology: Earth	Life on	(5)	BIOL   	112C	<b>I</b>	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biology: & Evolution	Ecology	(5)	BIOL   	112A		Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
					BIOL   	112B	_ 1	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
					BIOL   	112C	] ]	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & of Life		(5)	BIOL     	112A		Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
					BIOL   	112B	]	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry			!	131 131 <u>8</u> 132	<u>k</u> G	eneral Chemistry I eneral Chemistry I eneral Chemistry II	(5) (5) (5)

CHEM	2C	Genl Chemis	stry	(5)	CHEM	132		General	Chemistry	II	(5)
CHEM	8A	Organic Che	em-Brief	(2)	CHEM		<u>&amp;</u>	_	Chemistry		(5)
CHEM	8B	Organic Che	em-Brief	(4)	CHEM CHEM		s.	_	Chemistry Chemistry		(5) (5)
CILLIN	0.0	Organic Cire	em bilei	( 1 )	CHEM		<u>a.</u>		Chemistry		(5)
		OR						OR	_		(5)
CHEM	118A	Org Chem	, Hlth & Sci	(4)	CHEM	231		Organic	Chemistry	I	(5)
CHEM	118B	Org Chem	, Hlth & Sci	(4)	CHEM	231	<u>&amp;</u>	_	Chemistry		(5)
					CHEM			_	Chemistry		(5)
CHEM	118C	Org Chem	, Hlth & Sci	(4)	CHEM	232		Organic	Chemistry	II	(5)
MATH	17A	Calculus	for BioSci	(4)	MATH	121		Calculus	I with		(3)
								Applicat	ions		
MATH	17B	Calculus i	for Biosci	(4)	MATH	122			II with		(3)
								Applicat		_	
MATH	17C	Calculus i	for BioSci	(4)					D: College		
		OR			submi	ıttec	ı c	ourse(s) <b>OR</b>	for artic	ulatio	on
								OR	•		
мати	21 A			(4)	мътн	123		Analytic	Geometry	and	(5)
MATH	21A	Calculus		(4)	MATH	123		_	Geometry	and	(5)
MATH MATH					MATH MATH			Calculus	_		(5)
		Calculus						Calculus	I Geometry		` '
MATH	21B	Calculus Calculus	 Physics	(4)	MATH	124		Calculus Analytic Calculus	I Geometry	and	(5)
MATH		Calculus Calculus	Physics	(4)	MATH	124  108 <i>I</i>		Calculus Analytic Calculus General	I Geometry II Physics	and  I	` '
MATH	21B	Calculus Calculus General	Physics	(4)	MATH         PHYS	124  108 <i>F</i> 108E	 4 <u>&amp;</u> 3	Calculus Analytic Calculus General General	I Geometry	and  I II	(5)
MATH	21B  ICS 7A	Calculus Calculus General		(4)	MATH PHYS PHYS	124  1087 1088	 4 <u>&amp;</u> 3	Calculus Analytic Calculus General General General	Geometry II Physics Physics	and  I II I	(5)  (4) (4)
MATH PHYSI	21B  ICS 7A	Calculus Calculus General		(4)	MATH PHYS PHYS PHYS PHYS	124 1087 1088 1087 1088	 4 <u>&amp;</u> 3 4 <u>&amp;</u>	Calculus Analytic Calculus General General General General	Geometry II Physics Physics Physics	and  I II I	(5)  (4) (4) (4)
MATH PHYSI PHYSI	21B CCS 7A CCS 7B	Calculus Calculus General General General	Physics Physics	(4) (4) (4) (4)	MATH PHYS PHYS PHYS PHYS PHYS	124 1087 1088 1088 1088 1088	4 <u>&amp;</u> 3 <u>&amp;</u> 4 <u>&amp;</u> 3 <u>&amp;</u> 4 <u>&amp;</u>	Calculus Analytic Calculus General General General General General General	Geometry II Physics Physics Physics Physics Physics Physics Physics Physics	and II II II II II	(5)  (4) (4) (4) (4)
MATH PHYSI PHYSI It is	21B	Calculus Calculus General General General	Physics Physics led that student	(4) (4) (4) (4)	MATH PHYS PHYS PHYS PHYS PHYS PHYS	124  1087 1088 1088 1088 1088		Calculus Analytic Calculus General General General General General General	Geometry II Physics Physics Physics Physics Physics Physics Physics Physics	and II II II II II II II	(5) (4) (4) (4) (4) (4) (4)
MATH PHYSI PHYSI It is their	21B CCS 7A CCS 7B CCS 7C S highl	Calculus  Calculus  General  General  General  y recommend  unity college	Physics Physics ded that student ge that is equiv	(4) (4) (4) (4) cs convalent	MATH PHYS PHYS PHYS PHYS PHYS PHYS to to	124  108F 108F 108F 108F 108F 108F		Calculus Analytic Calculus General General General General General General tire physire UC Da	Geometry II Physics Physics Physics Physics Physics Physics Physics ics series Vis Physic	and II II II II II II II II II	(5) (4) (4) (4) (4) (4) (4)
MATH PHYSI PHYSI their serie	21B  CCS 7A  CCS 7B  CCS 7C  Shighly communication before	Calculus  Calculus  General  General  General  Iy recommendunity collegore transfer	Physics Physics led that student	(4) (4) (4) (4) cs convalent who t	MATH PHYS PHYS PHYS PHYS PHYS PHYS to to	124 1087 1088 1088 1088 1088 2088 2088		Calculus Analytic Calculus Calculus General General General General General ire phys ire UC Da nout comp	Geometry II Physics Physics Physics Physics Physics Physics ics series Vis Physic	and II II II II II CS 7A, entin	(5) (4) (4) (4) (4) (4) (4)

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

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RECOMMENDED: MATH 21C Calculus (4) | MATH 223 Analytic Geometry, Vector Analysis and Calculus III

END OF MAJOR

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

### Special Advising Note:

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

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

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

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

OR

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams and check with your
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

HISTORY 6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
TW	O YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:
ARABIC 1	Elementary Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(5)	
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
HEBREW 1	Elem Hebrew	, ,	NO COMPARABLE COURSE
HEBREW 2	Elem Hebrew		NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HEBREW 23	Intermed Modern Hebrew II	I (4)	NO COURSE ARTICULATED

OR

HIN-URD	1	Elem Hindi/Urdu I	(5)	!	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)		ARTICULATED: College has not
				submitted	course(s) for articulation
HIN-URD	21	Intermed Hindi/Urdu I	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
HIN-URD	22	Intermed Hindi/Urdu II	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s) for articulation
HIN-URD	23	Intermed Hindi/Urdu III	(4)		ARTICULATED: College has not
				submitted	course(s) for articulation

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### OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

ADDITIONAL DI DOTTUDO.

	ADDIT	LONAL	ELECTIVES:
ARTHI 1E	Islamic Art &	(4)	ART 110 History of Islamic Art (3)
	Architecture		
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
REL STD 21	The Bible	(4)	NO COMPARABLE COURSE
REL STD 23	Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD 60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD 65C	The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not
	Interpretation		submitted course(s) for articulation
REL STD 68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
Or additions	1 lower-division courses	in a	Middle Factorn or South Agian language

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

### ====Music A.B.====

### Special Advising Note:

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

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

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# Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

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# Transfer Admission Guarantee (TAG) Note:

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

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

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### College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
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  MUSIC 16C Elem Musicianship (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation						
Submitted course(s) for articulation   MUSIC 6C   Elementary Theory   (3)   NO COURSE   ARTICULATED: College has not   Submitted   course(s)   for articulation	MUSIC	6A	Elementary Theory	(3)	!	_
Submitted course(s) for articulation   MUSIC 7A	MUSIC	6B	Elementary Theory	(3)	!	3
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   (2) NO COURSE ARTICULATED: College has not	MUSIC	6C	Elementary Theory	(3)		
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   (2) NO COURSE   ARTICULATED: College has not   Submitted   (3) NO COURSE   College has not   Submitted   (4) NO COURSE   College has not   Submitted   (5) NO COURSE   College has not   Submitted   (5) NO COURSE   College has not   College has n	MUSIC	7A	Intermediate Theory	(3)	!	3
Submitted course(s) for articulation	MUSIC	7B	Intermediate Theory	(3)	!	_
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	MUSIC	7C	Intermediate Theory	(3)	!	_
submitted course(s) for articulation MUSIC 16C	MUSIC	16A	Elem Musicianship	(2)	!	2
<del>-</del> !	MUSIC	16B	Elem Musicianship	(2)	!	_
	MUSIC	16C	Elem Musicianship	(2)	!	_

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

MUSIC 17A	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17B	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	submitted course(s) for articulation
MUSIC 17C	Intermediate	(2) NO COURSE ARTICULATED: College has not
	Musicianship	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) MUS 102 Music Masterworks (3)
MUSIC	24B	Intro Music History	(3) MUS 102 Music Masterworks (3)
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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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AP and	IB	examir	natio	on c	redit	poli	cies	are	det	tail	Led	in	the	UC	Davis	2018-19
Genera	l Ca	talog	. Qı	uick	refe	rence	chai	cts	for	AP	and	IB	are	a	lso	
availal	പില	from c	חוור ק	ראם י	weheit	- 6										

available fr	com our TAG website.		<del>_</del> _								
	Intro NA Studies	(4)	ETST 151 Native American (3)   History								
	NA Experience OR	(4)	NO COMPARABLE COURSE   OR								
			NO COURSE ARTICULATED: College has not  submitted course(s)for articulation								
ONE OR TWO COURSES FROM:											
N A STD 5	Intro NA Literature	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation								
N A STD 12	Native Amer/Indigenous Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation								
N A STD 32	NA Music & Dance	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation								
N A STD 33	Intro NA Art	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation								
N A STD 34	NA Art Workshop	(4)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation								
	ONE OR TWO	COLLE	SES EDOM.								
	Intro Afro Studies										
			NO COMPARABLE COURSE								
ANTHRO 2 C	Cultural Anthropology	(5)	ANTH 102 Introduction to (3)								
ANTHRO 20	Comparative Cultures	(4)	Cultural Anthropology ANTH 103 Globalization and (3) Peoples and Cultures of the World								
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										
A A STD 2	Contemp Issues of Asian Americans										
A A STD 4		(4)	NO COURSE ARTICULATED: College has not								
CHICANO 10	Studies Intro to Chic Std	(1)	submitted course(s) for articulation  NO COMPARABLE COURSE								
CHICANO 10			NO COMPARABLE COURSE								
CHICANO 23	Qualitative Research		NO COURSE ARTICULATED: College has not								
	Methods		submitted course(s) for articulation								
COMPLIT 25	Ethnic Writers		NO COMPARABLE COURSE								
CM&RGDE 2	<del>-</del>		NO COMPARABLE COURSE								
ENV S&P 10	Current Issues in Environment	(3)	BIOL 138 Introduction to (4)   Environmental Sciences								
dep 1	5		Same as:								
ENV S&P 1 p) HISTORY 7			ents who have completed ENV S&P 1  HIST 214 History of Latin (3)								
_	1700		America								
p) HISTORY 7	B Latin America 1700-1900	(4)	HIST 214 History of Latin (3)   America								
p) HISTORY 7		(4)	HIST 214 History of Latin (3)   America								
HISTORY 17A		(4)	HIST 117 History of the United (3) States I								
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE								

p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.

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

### IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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#### END OF MAJOR

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

# Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI	2A	Intro Biology:I Earth	Life on	(5)	BIOL   	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2B	Intro Biology: & Evolution	Ecology	(5)	BIOL	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
					  BIOL   	112B	<u>&amp;</u>	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
					BIOL     	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & of Life		(5)	BIOL	112A	<u>&amp;</u>		(5)
					BIOL	112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry		. ,	•	131 8	<u>Se</u>	General Chemistry I General Chemistry I	(5) (5)
CHEM 2C	Ge	nl Chemistry		(5)	!			General Chemistry II General Chemistry II	(5)
CHEM 8A	Or	ganic Chem-Brief	·	(2)	CHEM	231 8	<u> </u>	Organic Chemistry I	(5)

CHEM 8B	Organic Chem-Brief	(4)	CHEM CHEM	231	<u>&amp;</u>	Organic Chemistry II Organic Chemistry I Organic Chemistry II	(5) (5) (5)
	OR					OR	<i>(</i> <b>-</b> <i>)</i>
CHEM 118A	Org Chem, Hlth & Sci	. ,	CHEM			Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM		_	Organic Chemistry I	(5)
CITEM 110C	One Cham III-b C Cai	(1)	CHEM			Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	<u> </u>		Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	  матн	121		Calculus I with	(3)
1111111 1711	carcaras for Brosor	( - /				Applications	(3)
MATH 17B	Calculus for Biosci	(4)	MATH	122		Calculus II with	(3)
		. ,	İ			Applications	
MATH 17C	Calculus for BioSci	(4)	NO CO	OURSI	C AI	RTICULATED: College has	not
			subm	itted	d co	ourse(s) for articulati	on
	OR					OR	
MATH 21A	Calculus	(4)	MATH	123		Analytic Geometry and	(5)
						Calculus I	
MATH 21B	Calculus	(4)	MATH	124		Analytic Geometry and	(5)
						Calculus II	
DIVITOR 7A	Conomal Physics	(1)		1007		Conomal Dhyraiga I	(4)
PHISICS /A	General Physics	(4)	PHYS		_	General Physics I General Physics II	(4)
PHYSICS 7B	General Physics	(1)				General Physics I	(4)
LIIIDICO /D	General Filysics	(1)	PHYS		_	<del>-</del>	(4)
PHYSICS 7C	General Physics	(4)				General Physics I	(4)
11110100 /0	30110101 11170100	( - /	PHYS		_		(4)
			1 - 11 - 10	- 0 0 1	-		( - /

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

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### END OF MAJOR

### ====Nutrition Science B.S.====

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is  $\underline{\text{highly recommended}}$  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 <u>transfer admission website</u>. 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

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

\_\_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOL 112C Majors' Biology:
Earth Molecules, Cells, Earth Prokaryotes and Genetics BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5) & Evolution Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5)

			  BIOL 	1120	C	and Ecology Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		  BIOL   	112	A <u>&amp;</u>		(5)
			BIOL     	1121	В	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
	Genl Chemistry Genl Chemistry	(5)		131	&	General Chemistry I	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM   CHEM	132 132		General Chemistry II General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	•		_		(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM   CHEM   CHEM	231	<u>&amp;</u>	Organic Chemistry I	(5) (5) (5)
CHEM 118A	OR Org Chem, Hlth & Sci	(4)	  CHEM	231		<b>OR</b> Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM   CHEM	231	<u>&amp;</u>	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	<b>OR</b> Organic Chemistry	(3)	  CHEM	231		<b>OR</b> Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry		CHEM		_		(5) (5)
CHEM 129A	Organic Chem Lab						
NUTR 10	Discoveries and Concepts	(3)	BIOL	100		Nutrition	(3)
1) PSYCH 4	1 Research Methods	(4)	PSY 2	205			(3)
	OR		į		as:	ANTH 205, BEHS 205, SOC OR	205
1) SOCIOL	46A Intro Social Rsch	(4)	PSY 2 	205		Introduction to Research Methods	(3)
			Sa 	ame a	as:	ANTH 205, BEHS 205, SOC	205
The	remaining preparatory subjection yet major option yet				ba	sed on which	
	NUTRITIONAL						
ANTHRO 2	Cultural Anthropology  OR	(5)	ANTH   	102		Introduction to Cultural Anthropology OR	(3)
PSYCH 1	General Psychology  OR	(4)	PSY 1	.10		Introduction to Psychology OR	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	10		Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	  soc 1	12		OR Modern Social Problems	(3)
f) MATH 16	A Short Calculus	(3)	  MATH 	121		Calculus I with Applications	(3)
			  MATH 			Calculus II with Applications	(3)
			OF	•			

OR

Plants, Algae, Fungi

f) MATH 16B Short Calculus	(3)	MATH 123 & Analytic Geometry and (5)   Calculus I   MATH 124   Analytic Geometry and (5)   Calculus II   MATH 121 & Calculus I with (3)   Applications   Calculus II with (3)   Applications   OR   MATH 123 & Analytic Geometry and (5)   Calculus I   MATH 124   Analytic Geometry and (5)   Calculus I   MATH 124   Analytic Geometry and (5)   Calculus II   MATH 124   Analytic Geometry and (5)   Calculus
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics		
NUTRITION IN	PUBL:	IC HEALTH OPTION:
ANTHRO 2 Cultural Anthropology OR	(5)	ANTH 102 Introduction to (3) Cultural Anthropology OR
SOCIOL 1 Intro Sociology  OR	(5)	SOC 110 Introduction to (3) Sociology OR
	(4)	SOC 112   Modern Social Problems (3)
		ECON 102 Principles of (3)
ECON 1B Princ of Macroecon	(4)	ECON 101 Principles of (3)   Macroeconomics
PSYCH 1 General Psychology	(4)	PSY 110 Introduction to (3)   Psychology
LOWER-DIVISION ELECTIVES BY AREA FOR Agricultural and Health Policy Area:  AGRESEC 15 Pop, Envr, World Agri  Cultural Diversity and Community Change AMR STD 55 Food in Amer Culture	(4)  ge A:	
Same as: FD S&T 55  CM&RGDE 2 Ethnicity Amer Comm  INT AG 10 Intro Intl Ag  Development		submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE
Natural and Applied Sciences Area: CM&RGDE 20 Food Systems	(4)	NO COURSE ARTICULATED: College has not
PHILOS 15 Intro to Bioethics	(4)	submitted course(s)for articulation   BIOL 145   Ethics in Science (3)   Same as:   OR   GEOL 145   Ethics in Science (3)   Same as:
SCI&SOC 2 Feeding the Planet END OF MAJOR	(3)	NO COMPARABLE COURSE

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- f) This articulation is "series for series" only.

### ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 Baccaulaureate (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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) (5)	CHEM 131  CHEM 131 &	_ * * * * * * * * * * * * * * * * * * *
CHEM 2C	Genl Chemistry OR	(5)	CHEM 132  CHEM 132 	<b>2</b>
CHEM 2AH CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5) (5)	NO COURSE submitted NO COURSE	ABLE COURSE  ARTICULATED: College has not course(s) for articulation ARTICULATED: College has not
PHYSICS 7A	General Physics		submitted   PHYS 108A	course(s) for articulation & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYS 108B	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYS 108B   PHYS 108A   PHYS 108B	& General Physics I (4)

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

		OR						OR	
PHYSICS	9A	Classica	al Physics	(5)	PHYS	207A	A	Mechanics and Properties of Matter	(5)
PHYSICS	9В	Classica	al Physics	(5)	PHYS	2070	2	Heat, Light, Sound and Modern Physics	(5)
PHYSICS	9C	Classica	al Physics	(5)	PHYS	207B	3	Electricity and Magnetism	(5)
f) MATH	16A	Short (	Calculus	(3)	   MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)
					MATH	122		Calculus II with Applications	(3)
					OI	<u> </u>			
					MATH 	123	<u>&amp;</u>	Analytic Geometry and Calculus I	(5)
					MATH	124		Analytic Geometry and Calculus II	(5)
f) MATH	16B	Short (	Calculus	(3)	MATH 	121	<u>&amp;</u>	Calculus I with Applications	(3)

			MATH 122 	Calculus II with (3) Applications
			<u>OR</u>  MATH 123 <u>&amp;</u> 	Analytic Geometry and (5) Calculus I
			  MATH 124 	Analytic Geometry and (5) Calculus II
f) MATH 16C	Short Calculus	(3)	MATH 121 <u>&amp;</u>	Calculus I with (3) Applications
			  MATH 122 	Calculus II with (3) Applications
			OR   MATH 123 &	Analytic Geometry and (5)
			    MATH 124	Calculus I Analytic Geometry and (5)
	OR			Calculus II
MATH 17A	Calculus for BioSci	(4)	MATH 121	OR Calculus I with (3)
MATH 17B	Calculus for Biosci	(4)	  MATH 122	Applications Calculus II with (3)
MATH 17C	Calculus for BioSci	(4)	  NO COURSE A	Applications RTICULATED: College has not
	OR		submitted co	ourse(s) for articulation OR
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, (5)
				Vector Analysis and Calculus III
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 112C   	Majors' Biology: (5) Molecules, Cells, Prokaryotes and
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIOL 112A <u>&amp;</u> 	Genetics Majors' Biology: (5) Animals, Protozoa, Evolution and
			  BIOL 112B <u>&amp;</u> 	Classification Majors' Biology: (5) Plants, Algae, Fungi
			  BIOL 112C	and Ecology Majors' Biology: (5)
	OR			Molecules, Cells, Prokaryotes and Genetics OR
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		  BIOL 112A <u>&amp;</u> 	
			  BIOL 112B 	Majors' Biology: (5) Plants, Algae, Fungi and Ecology
	Elementary Statistics STATIST 13Y	(4)	STAT 115     OR	Introduction to (4) Statistics
	OR		MATH 115	Probability and (4) Statistics OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE

CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	231	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	231	& Organic Chemistry I (5)
			CHEM	232	Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	232	Organic Chemistry II (5)
	OR				OR
CHEM 128A	Organic Chemistry	(3)	CHEM	231	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM	231	$\underline{\&}$ Organic Chemistry I (5)
			CHEM	232	Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM	232	Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	231	Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM	231	& Organic Chemistry I (5)
			CHEM	232	Organic Chemistry II (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM	232	Organic Chemistry II (5)
			· 		

END OF MAJOR

### f) This articulation is "series for series" only.

### ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more

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

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# GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) PHIL 112 Introduction to Logic (3)

### AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

# a. GENERAL PHILOSOPHY

g) PHILOS 1 Intro to Philos (4) PHIL 110 Introduction to (3) Philosophy

OR
PHIL 111 Introduction to Ethics (3)

OR
PHIL 117 History of Philosophy: (3)
Late Modern to Contemporary

# b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4) PHIL 115 History of Philosophy: (3)
Ancient

# c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) NO COMPARABLE COURSE

# d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED: College has not w/Disc submitted course(s) for articulation

# e. ETHICS:

PHILOS	14	Eth Soc	e Prob in Soc	(4)	)   NO COMPARABLE COURSE					
		C	)R				OR			
PHILOS	15	Intro t	to Bioethics	(4)	BIOL	145	Ethics i	n Scie	nce	(3)
					Sa	ame as:				
					OI	3				
					GEOL	145	Ethics i	n Scie	nce	(3)
					Sa	ame as:				
		C	)R				OR	_		
PHILOS	24	Intro t	to Ethics	(4)	PHIL	111	Introduc	tion to	o Ethics	(3)

# f. PHILOSOPHY OF SCIENCE

PHILOS	30	Intro Philos of Sci	(4)	NO	COMPARABLE	COURSE
		OR				OR
PHILOS	31	Scientific Reason	(4)	NO	COMPARABLE	COURSE
		OR				OR

PHILOS 32	Scientific Change OR	(4) NO COMPARABLE COURSE OR								
PHILOS 38	Intro Philos of Biol	(4) NO COURSE ARTICULATED: College has not								
		submitted course(s) for articulation								
	g. <b>PHILOSO</b>	PHY OF LANGUAGE								
PHILOS 17		(4) NO COURSE ARTICULATED: College has not								
	World	submitted course(s) for articulation LAW EMPHASIS								
		OM THE FOLLOWING:								
PHILOS 14	Eth Soc Prob in Soc	(4) NO COMPARABLE COURSE								
PHILOS 15	Intro to Bioethics	(4) BIOL 145 Ethics in Science (3)								
		Same as:   OR								
		GEOL 145 Ethics in Science (3)								
		Same as:								
		(4) NO COURSE ARTICULATED: College has not								
	Democ	submitted course(s)for articulation								
	ALL OF THE FOLLOWING COURSES:									
e) PHILOS 5	Critical Reasoning	(4) PHIL 112 Introduction to Logic (3)								
PHILOS 12	Intro to Symbol Logic	(4) PHIL 112 Introduction to Logic (3) (4) PHIL 111 Introduction to Ethics (3)								
PHILOS 24	Intro to Ethics	(4) PHIL 111 Introduction to Ethics (3)								
		ED EMPHASIS:								
	ONE COURSE FR	OM THE FOLLOWING:								
PHILOS 24	Intro to Ethics	(4)   PHIL 111 Introduction to Ethics (3)								
PHILOS 30		(4) NO COMPARABLE COURSE								
PHILOS 31	Scientific Reason	(4) NO COMPARABLE COURSE								
PHILOS 32	Scientific Change	(4) NO COMPARABLE COURSE								
	ALL OF THE F	OLLOWING COURSES:								
PHILOS 12	Intro to Symbol Logic	(4) PHIL 112 Introduction to Logic (3) (4) BIOL 145 Ethics in Science (3)								
PHILOS 15	Intro to Bioethics	(4) BIOL 145 Ethics in Science (3)								
		Same as:								
		OR    GEOL 145 Ethics in Science (3)								
		Same as:								
PHILOS 38	Intro Philos of Biol	(4) NO COURSE ARTICULATED: College has not								
		submitted course(s) for articulation								

# END OF MAJOR

- g) Students who complete PHIL 111 at College of Marin will receive credit at UC Davis for PHILOS 1 or 24 through academic year 16-17. As of fall 2017, credit will be received for PHILOS 24.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, 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  $\frac{\text{transfer admission website}}{\text{transfer admission requirements}}$ . UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

fall enrollment. In order to receive priority consideration it 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 Baccaulaureate (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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

avariable r	Iom our ind webbite.				
PHYSICS 9A	Classical Physics	(5)	  PHYS 207A 	Mechanics and Properties of Matter	(5)
PHYSICS 9B	Classical Physics	(5)	PHYS 207C		(5)
PHYSICS 9C	Classical Physics	(5)	PHYS 207B	Electricity and Magnetism	(5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARA	2	
PHYSICS 9HA	<del></del>	(5)	!	ARTICULATED: College has course(s) for articulation	
PHYSICS 9HB	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
PHYSICS 9HC	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has course(s) for articulation	not
MATH 21A	Calculus	(4)	MATH 123	<del>-</del>	(5)
MATH 21B	Calculus	(4)	  MATH 124 	Calculus I Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	  MATH 223 	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary Differential Equations	(4)
MATH 22A MATH 22B	Linear Algebra Differntl Equations		  MATH 116  MATH 224 	Linear Algebra	(3)
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED	

END OF MAJOR

# ====Physics B.S.====

### Special Advising Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

PHYSICS 9A Classical Physics (5) PHYS 207A Mechanics and (5) Properties of Matter

PHYSICS 9B Classical Physics (5) PHYS 207C Heat, Light, Sound (5) and Modern Physics

PHYSICS 9C Classical Physics (5) PHYS 207B Electricity and (5) Magnetism

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

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

PHYSICS 9HB Honors Physics (5) NO COURSE ARTICULATED: College has not

<sup>\*</sup>Information for future applicants is subject to change

			submitted	course(s) for articulation
PHYSICS 9HC	Honors Physics	(5)	!	ARTICULATED: College has not
			submitted	course(s) for articulation
PHYSICS 9HD	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
PHYSICS 9HE	Honors Physics	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
MATH 21A	 Calculus	(4)	  MATH 123	Analytic Geometry and (5)
		, ,	ĺ	Calculus I
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and (5)
		. ,	İ	Calculus II
MATH 21C	Calculus	(4)	MATH 223	Analytic Geometry, (5)
			j	Vector Analysis and
			İ	Calculus III
MATH 21D	Vector Analysis	(4)	MATH 224	Elementary (4)
	-		j	Differential Equations
MATH 22A	Linear Algebra	(3)	MATH 116	Linear Algebra (3)
MATH 22B	Differntl Equations	(3)	MATH 224	Elementary (4)
			j	Differential Equations
	Intr Physics Computation		!	
PHYSICS 80	Experimental Techniques	(4)	NO COURSE	ARTICULATED

#### ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

ASTRON 25	Intro to Modern	(4) NO COMPARABLE COURSE
	Astronomy & Astrophy	

#### END OF MAJOR

## ====Plant Biology A.B.====

## Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter

grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

It is also <u>strongly recommended</u> 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 <u>UC Transfer</u>

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

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

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI	2A	Intro Biology:Life on Earth	(5)	BIOL   	1120	!	Majors' Biology: Molecules, Cells, Prokaryotes and	(5)
BIOLSCI	2В	Intro Biology: Ecology & Evolution	(5)	  BIOL   	112A	<u>&amp;</u>	Genetics Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				  BIOL   	112B	<u>&amp;</u>		(5)
				BIOL     	1120	•	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tre of Life		BIOL     	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
				BIOL   	112B	}	Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
CHEM 2A	 Ge	enl Chemistry	(5)	   CHEM	131		General Chemistry I	(5)
CHEM 2B		enl Chemistry		CHEM		&	General Chemistry I	(5)
				CHEM	132		General Chemistry II	(5)
CHEM 8A	Or	rganic Chem-Brief	(2)	CHEM		_	Organic Chemistry I	(5)
G11E14 0E	0	' cl	( 4 )	CHEM			Organic Chemistry II	(5)
CHEM 8B	Or	rganic Chem-Brief	(4)	CHEM			Organic Chemistry I Organic Chemistry II	(5) (5)
STATIST Same	_	Elementary Statistics STATIST 13Y	(4)	STAT	115		Introduction to Statistics	(4)
				01	_			
				MATH 	115		Probability and Statistics	(4)

CHEM 2C Genl Chemistry (5) CHEM 132 General Chemistry II (5)

END OF MAJOR

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

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(for 2019-20)

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

It is also <u>strongly recommended</u> 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).

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<a href="Admission webpage">Admission webpage</a>. In order to receive priority consideration it 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:

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

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BIOLSCI	2A	Intro Bi	ology:	Life on	(5)	BIOL	1120		Molecul	' Biology: les, Cells yotes and		(5)
BIOLSCI	2В	Intro Bi		Ecology	(5)	BIOL	1124	<u>&amp;</u>	Majors Animals Evoluts	' Biology: s, Protozoa ion and fication	э,	(5)
						BIOL	112E	8 <u>&amp;</u>	Majors	' Biology: , Algae, Fi	ungi	(5)
						BIOL     	1120		Molecul	' Biology: les, Cells yotes and		(5)
BIOLSCI	2C			the Tree		BIOL     	112A	<u>&amp;</u>	Animals Evolut	' Biology: s, Protozoa ion and fication		(5)
						BIOL   	112E	3	Majors	' Biology: , Algae, Fi	ungi	(5)
CHEM 2A	Ge	enl Chemis	 try		(5)	CHEM	131		General	Chemistry	I	(5)
CHEM 2B	G€	enl Chemis	try		(5)					Chemistry		(5)
CHEM 2C	Ge	enl Chemis	try		(5)	CHEM				Chemistry Chemistry		(5) (5)
CHEM 8A	Or	ganic Che	m-Brie	 £	(2)	CHEM	231	&	Organic	Chemistry	I	(5)
G 0.5				<b>-</b>	(4)	CHEM			_	Chemistry		(5)
CHEM 8B	Or	ganic Che	m-Brie	<u> </u>	(4)	CHEM		<u>&amp;</u>	_	Chemistry Chemistry		(5) (5)
		OR					222		OI gailie	_		(3)
CHEM 118	A	Org Chem,	Hlth 8	x Sci		CHEM				Chemistry		(5)
CHEM 118	В	Org Chem,	Hlth 8	x Sci	(4)	•				Chemistry		(5)
CITEM 110		One Chem	III+b (	r Cai	(1)	CHEM			_	Chemistry		(5)
CHEM 118		Org Chem,	HTCU (	x SCl	( <del>4</del> )	CHEM	∠3∠ 		organic	Chemistry	 T	(5)
		<b></b>	<b></b> _						<b></b> -	<b></b>		

MATH 17A	Calculus for BioSci	(4)	MATH 121	Calculus I with (3) Applications
MATH 17B	Calculus for Biosci	(4)	MATH 122	
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
	OR			OR
MATH 21A	Calculus	(4)	MATH 123	Analytic Geometry and (5)
				Calculus I
MATH 21B	Calculus	(4)	MATH 124	Analytic Geometry and (5)
				Calculus II
PHYSICS 7A	General Physics	(4)	PHYS 108A	& General Physics I (4)
11110100 711	General Thybreb	( - /	PHYS 108B	_
PHYSICS 7B	General Physics	(4)	PHYS 108A	2 ,
INIDICO /D	General Thybreb	( - /	PHYS 108B	<del>_</del>
PHYSICS 7C	General Physics	(4)		& General Physics I (4)
11110100 70		( - /	PHYS 108B	General Physics II (4)
			11110 1000	Concrar impores ii (1)

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 C	OURSE	ARTICULATED: College has	not
			subm	itted	course(s) for articulation	n
MATH 21C	Calculus	(4)	MATH	223	Analytic Geometry,	(5)
					Vector Analysis and	
					Calculus III	

END OF MAJOR

#### ====Plant Sciences B.S.====

## Special Advising Note:

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5) BIOL 112C Majors' Biology: (5)

Earth Molecules, Cells,

Prokaryotes and
Genetics

BIOLSCI 2B Intro Biology: Ecology (5) BIOL 112A & Majors' Biology: (5)

& Evolution Animals, Protozoa,
Evolution and
Classification

		BIOL 112B & Majors' Biology: (5)   Plants, Algae, Fungi and Ecology
		BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics
PL SCI 2 Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
	(5)	CHEM 131 General Chemistry I (5)   CHEM 131 & General Chemistry I (5)   CHEM 132 General Chemistry II (5)
CHEM 2C Genl Chemistry	(5) 	CHEM 132   General Chemistry II (5)
CHEM 8A Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I (5)   CHEM 232 Organic Chemistry II (5)
CHEM 8B Organic Chem-Brief OR	(4)	CHEM 231 & Organic Chemistry I (5)   CHEM 232 Organic Chemistry II (5)   OR
CHEM 118A Org Chem, Hlth & Sci		CHEM 231 Organic Chemistry I (5)   CHEM 231 & Organic Chemistry I (5)
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 232 Organic Chemistry II (5)   CHEM 232 Organic Chemistry II (5)
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with (3)
		Applications   MATH 122
		OR  MATH 123 & Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5)   Calculus II
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with Applications  (3)
		MATH 122 Calculus II with (3)   Applications
		OR  MATH 123 & Analytic Geometry and (5)   Calculus I
		MATH 124   Analytic Geometry and (5)   Calculus II
OR		OR
MATH 17A Calculus for BioSci		MATH 121 Calculus I with (3)   Applications
MATH 17B Calculus for Biosci	(4)	MATH 122 Calculus II with (3)   Applications
PHYSICS 1A Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1B Principles Physics OR		NO COMPARABLE COURSE OR
PHYSICS 7A General Physics	(4)	PHYS 108A & General Physics I (4)
PHYSICS 7B General Physics	(4)	PHYS 108B General Physics II (4) PHYS 108A & General Physics I (4)
PHYSICS 7C General Physics	(4)	PHYS 108B   General Physics II (4)   PHYS 108A & General Physics I (4)   PHYS 108B   General Physics II (4)
It is highly recommended that students		·

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

physics.		
ABIOSYT 49	Fld Equip Oper	(2) NO COMPARABLE COURSE
	OR	OR
PL SCI 49	Org Crop Prod Prac	(3) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
	COURSES FOR TH	HE CROP PRODUCTION OPTION:
ECON 1A	Princ of Microecon	(4) ECON 102 Principles of (3)
		Microeconomics
	OR	OR
AGRESEC 15	Pop,Envr,World Agri	(4) NO COMPARABLE COURSE

END OF MAJOR

## f) This articulation is "series for series" only.

## ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

POL SCI 1	Amer Natl	Govt	(4) I	POLS 100		American Political Institutions	(3)
			ĺ	OR			
			ļ ļ	POLS 101	(	Introduction to the Government of the	(3)

#### THREE COURSES FROM THE FOLLOWING:

POL S	SCI	2	Intro Comp Politics	(4)	POLS	102	Comparative Political Systems	(3)
POL S	SCI	3	Internatl Relations	(4)	POLS	104	International Relations	(3)
POL S	SCI	4	Bas Cnpt/Pol Thry	(4)	POLS	103	Political Theory	(3)
POL S	SCI	5	Probs/Am Pol Sys	(4)	NO C	OMPARA	BLE COURSE	
POL S	SCI	7	Law & Politics	(4)	NO C	OMPARA	BLE COURSE	
POL S	SCI	51	Scientific Study of Politics	(4)			ARTICULATED: College has course(s) for articulati	

#### ONE COURSE FROM THE FOLLOWING:

POL SCI	12Y	Data	Visua	alization	(4)	NO	COURSE	ARTICU	LATED:	College	has	not
Same	as:	COMUNCN	12Y,	PSYCH 12Y	submitt	ted	course	(s)for	articu	lation		
	SOC	CIOL 12Y										
STATIST	13	Elemer	ntary	Statistics	(4)	STA	AT 115	Intr	oducti	on to		(4)
Same	as:	STATIST	13Y			ĺ		Stat	istics			
						ĺ	OR					
						   MAT	ГH 115	Prob	abilit	y and		(4)
								Stat	istics			

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

#### ====Political Science A.B.====

## Special Advising Note:

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

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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			THREE COURSES	FROM THI	E FOLI	LOWING:		
POL S	SCI	1	Amer Natl Govt	(4)	POLS	100	American Political	(3)
							Institutions	
					OI	<u> </u>		
					POLS	101	Introduction to the	(3)
							Government of the	
							United States	
POL S	SCI	2	Intro Comp Politics	(4)	POLS	102	Comparative Political	(3)
							Systems	
POL S	SCI	3	Internatl Relations	(4)	POLS	104	International	(3)
							Relations	
POL S	SCI	4	Bas Cnpt/Pol Thry	(4)	POLS	103	Political Theory	(3)
			ONE COURSE	FROM TI	HE FOI	LOWING		

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

POL	SCI	1	Amer Natl Govt	(4)	POLS	100	American Political Institutions	(3)
					O1	R		
					POLS	101	Introduction to the	(3)
					İ		Government of the	
					İ		United States	
POL	SCI	2	Intro Comp Politics	(4)	POLS	102	Comparative Political	(3)
							Systems	
POL	SCI	3	Internatl Relations	(4)	POLS	104	International	(3)
					İ		Relations	
POL	SCI	4	Bas Cnpt/Pol Thry	(4)	POLS	103	Political Theory	(3)
POL	SCI	5	Probs/Am Pol Sys	(4)	NO CO	OMPARA	ABLE COURSE	
POL	SCI	7	Law & Politics	(4)	NO CO	OMPARA	ABLE COURSE	
POL	SCI	11A	America Decides	(4)	NO CO	OURSE	ARTICULATED: College has	not
					subm:	itted	course(s)for articulation	n
POL	SCI	11B	Citizen Lawmaking	(4)	NO CO	OURSE	ARTICULATED: College has	not
					subm	itted	course(s)for articulation	n
POL	SCI	11C	Politics & Film	(4)	NO CO	OURSE	ARTICULATED: College has	not
					subm	itted	course(s)for articulation	n
POL	SCI	11D	Political Persuasion	(4)	!		ARTICULATED: College has	
				•	!		course(s)for articulation	

POL SCI 12A	Politics & Sports	(4)	!	ARTICULATED: College course(s) for articul	
POL SCI 12B	Climate Chg & Politics	(4)	ı		
POL SCI 51	Scientific Study of Politics	(4)	!	ARTICULATED: College course(s) for articu	
Same as:	Data Visualization COMUNCN 12Y, PSYCH 12Y su IOL 12Y				e has not
	OR			OR	
	Elementary Statistics STATIST 13Y	(4)	STAT 115 	Introduction to Statistics	(4)
			OR		
			MATH 115	<b>-</b>	(4)
	OD		İ	Statistics	
OMANTON 20	OR	(1)	  NO COMPAD:	OR	
	Gateway to Data Science	( <del>4</del> )	INO COMPARA	ABLE COURSE	
END OF MAJOR					

====Psychology A.B.====

Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

```
Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10
```

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is

highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

\*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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

 $\underline{\text{General Catalog}}$  . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

PSYCH 1	General Psychology	(4) P	SY 110		Introd	ductio	on to		(	3)
					Psycho	21				
l) PSYCH	41 Research Methods	(4) P	SY 205		Introd	ductio	on to		(	3)
					Resear	ch Me	ethods	3		
			Same	as:	ANTH	205,	BEHS	205,	SOC	205

STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	STAT		Introduction to Statistics	(4)
			OR MATH		Probability and Statistics	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)    	BIOL	112C	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
	OR A COM	BINATI	ON OF			
BIOLSCI 10	Everyday Biology	(4)	BIOL	110	Introduction to Biology	(3)
	AND ONE	COURSE	FROM			
ANTHRO 1	Human Evol Biol	(4)	ANTH	101	Introduction to Physical/Biological Anthropology	(3)
	OR				OR	
MOL&CB 10	Intro Human Heredity OR	(4)	NO CO	MPARABI	LE COURSE OR	
NE PH B 10	Elem Human Physio	(3)	BIOL	224	Human Physiology	(5)
END OF MAJO	R					

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

====Psychology B.S. (Biological)====

Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A,

\*Biological Sciences 10 and one course from: Anthropology 1 or Molecular and Cellular Biology 10 or Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

\*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

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

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

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

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

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

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

PSYCH 1 G	eneral Psychology	(4)	PSY 110 Introduction Psychology	1 to (3)
l) PSYCH 41	Research Methods	(4)	PSY 205 Introduction	
			Research Met Same as: ANTH 205, E	
STATIST 13	Elementary Statistics STATIST 13Y	(4)	STAT 115 Introduction Statistics	on to (4)
			<u>OR</u> MATH 115 Probability Statistics	and (4)
	Short Calculus	(3)	MATH 121 $\underline{\mathbf{\&}}$ Calculus I Application	with (3)
			MATH 122 Calculus II Application	
			<u>OR</u> MATH 123 <u>&amp;</u> Analytic Ge Calculus I	eometry and (5)
			MATH 124 Analytic Ge Calculus II	•
E) MATH 16B	Short Calculus	(3)	MATH 121 <u>&amp;</u> Calculus I Application	ıs
			MATH 122 Calculus II Application OR	
			MATH 123 & Analytic Ge Calculus I	eometry and (5)
			Calculus II	cometry and (5)
МАТН 17А	OR Calculus for BioSci	(4)	OR MATH 121 Calculus I Application	
МАТН 17В	Calculus for Biosci	(4)	MATH 122 Calculus II Application	with (3)
	OR		OR	
	Calculus		Calculus I	eometry and (5)
MATH 21B	Calculus	(4)	MATH 124 Analytic Ge Calculus II	
PHYSICS 10	Topics, Nonscientists OR	(4)	PHYS 110 Introductor	
PHYSICS 10C	Physics of California	(3)	NO COURSE ARTICULATED: submitted course(s)for	
NINGTAG 73	<b>OR</b> General Physics	(1)	<b>OR</b> PHYS 108A & General Ph	vrajas T
PHYSICS 7A	General Fuysics	(±)	PHYS 108A <u>&amp;</u> General Ph PHYS 108B General Ph	
PHYSICS 7B	General Physics	(4)	PHYS 108A <u>&amp;</u> General Ph PHYS 108B General Ph	ysics I (4)
cheir commun series befor series may b	recommended that student ity college that is equive e transferring. Students e required to take additi ill need to meet with a U	valen who onal	plete an entire physics to the entire UC Davis cansfer without complet physics courses upon ar	s series at Physics 7A/B/C ing an entire crival at UC
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	Molecules, Prokaryote	Cells,
			Genetics	

	& Evolution		      BIOL 	112B	<u>&amp;</u>	Animals, Protozoa, Evolution and Classification Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
			BIOL     	112C		Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOL     	112A	<u>&amp;</u>	Majors' Biology: Animals, Protozoa, Evolution and Classification	(5)
			BIOL   	112B		Majors' Biology: Plants, Algae, Fungi and Ecology	(5)
	Genl Chemistry Genl Chemistry		CHEM	131	<u>&amp;</u>	General Chemistry I General Chemistry I General Chemistry II	(5) (5) (5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM			Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM   CHEM	231	<u>&amp;</u>	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 118A	<b>OR</b> Org Chem, Hlth & Sci	<i>(1</i> )	CITEM	221		OR	<b>/ F</b> \
CHEM 118A	Org Chem, Hlth & Sci		CHEM   CHEM			Organic Chemistry I Organic Chemistry I	(5) (5)
011211 1102	org onem, men a bor	( - /		232		Organic Chemistry II	(5)
	OR		j			OR	, ,
CHEM 128A	Organic Chemistry		CHEM			Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM	231		Organic Chemistry I	(5)
			CHEM	232		Organic Chemistry II	(5)

#### END OF MAJOR

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- f) This articulation is "series for series" only.

====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.

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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  $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$ 

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

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

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

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also

PSYCH 1	General Psychology	(4)	!	Introduction to Psychology	(3)
1) PSYCH 41	Research Methods	(4)	j	Introduction to Research Methods : ANTH 205, BEHS 205, SO	(3) C 20
	Elementary Statistics STATIST 13Y	(4)	STAT 115     <b>OR</b>	Introduction to Statistics	(4)
				Probability and Statistics	(4)
МАТН 21А	Calculus	(4)	MATH 123 	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 124 	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 223   	Analytic Geometry, Vector Analysis and Calculus III	(5)
	Programming ENG CS 30	(4)	COMP 130     	Introduction to Computer Programming Using C++	(4)
	OR		OR  COMP 135 	Introduction to Programming in Java OR	(4)
	Intro to Programming(4) y ENG CS 10		COMP 130   	Introduction to Computer Programming Using C++	(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)	CHEM 105 Chemistry in the Human (3)
OR		OR
O.K		OK
CHEM 2A Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)
CHEM 2B Genl Chemistry	(5)	CHEM 131 & General Chemistry I (5)
		CHEM 132 General Chemistry II (5)
OR		OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
-		submitted course(s) for articulation
PHYSICS 10 Topics, Nonscientists	(4)	PHYS 110 Introductory Physics (3)
OR	( - /	OR
PHYSICS 10C Physics of California	(3)	NO COURSE ARTICULATED: College has not
2	( - )	submitted course(s)for articulation
OR		OR
PHYSICS 7A General Physics	(4)	PHYS 108A & General Physics I (4)
2	. ,	PHYS 108B General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYS 108A & General Physics I (4)
1	. ,	PHYS 108B General Physics II (4)
It is highly recommended that students	a aoi	·

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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BIOLSCI 2A Intro Biology:Life on (5)|BIOL 112C Majors' Biology: (5)

Earth | Molecules, Cells,
Prokaryotes and
Genetics

#### OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) | BIOL 110 Introduction to (3) Biology

#### AND ONE COURSE FROM

ANTHRO 1	Human Evol B	iol	(4)	ANTH	101	Intro	duction to	(3)
			į			Physic	cal/Biological	
			į			Anthro	opology	
	OR		į				OR	
MOL&CB 10	Intro Human	Heredity	(4)	NO CO	OMPARAB!	LE COU	RSE	
	OR		į				OR	
NE PH B 10	Elem Human	Physio	(3)	BIOL	224	Human	Physiology	(5)
END OF MAJOR	3		·					

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

## ====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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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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Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> 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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#### ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	HUM 118
PFT.	STD	1 a	Pilgrimage	(4)	Same as: NO COMPARABLE COURSE
	STD		Death and Afterlife		NO COMPARABLE COURSE
	STD		Sacrifice		NO COMPARABLE COURSE
	STD		Conversion		NO COURSE ARTICULATED: College has not
1122	515			( - /	submitted course(s) for articulation
REL	STD	1 E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not
11111	DID		ranamenearism	( 1 )	submitted course(s) for articulation
REL	STD	1 F	Religion Today	(4)	NO COURSE ARTICULATED: College has not
1122	515		nerryron roddy	( - /	submitted course(s) for articulation
REL	STD	1G	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
	STD		Sex, Marriage, Divorce		NO COURSE ARTICULATED: College has not
			Jess, 11012120.ge, 11110101	( - /	submitted course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not
				,	submitted course(s)for articulation
					·
			FOUR COURSES F	ROM '	THE FOLLOWING.
				-	INE POLICUING:
REL	STD	5	Comparative Religion	(2)	NO COURSE ARTICULATED
	STD STD				
REL		6	Comparative Religion	(4)	NO COURSE ARTICULATED
REL	STD	6	Comparative Religion Intro Health Humanities	(4)	NO COURSE ARTICULATED  NO COURSE ARTICULATED
REL REL	STD	6 10	Comparative Religion Intro Health Humanities Contemporary Ethical Issues	(4)	NO COURSE ARTICULATED  NO COURSE ARTICULATED  NO COURSE ARTICULATED: College has not
REL REL	STD STD	6 10	Comparative Religion Intro Health Humanities Contemporary Ethical Issues	(4)	NO COURSE ARTICULATED  NO COURSE ARTICULATED  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
REL REL REL	STD STD	6 10 10A	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical	(4)(2)	NO COURSE ARTICULATED   NO COURSE ARTICULATED   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not
REL REL REL	STD STD	6 10 10A	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating	(4) (2) (2)	NO COURSE ARTICULATED   NO COURSE ARTICULATED   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   Submitted course(s) for articulation   No course(s) for art
REL REL REL REL	STD STD	6 10 10A 11	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating Emergence Abrahamic	(4) (2) (2)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not
REL REL REL REL	STD STD STD	6 10 10A 11	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions	(4) (2) (2)	NO COURSE ARTICULATED   NO COURSE ARTICULATED   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   Submitted course(s) for articulation   No course(s) for art
REL REL REL REL	STD STD STD STD	6 10 10A 11 12 21	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible	(4) (2) (2) (4) (4)	NO COURSE ARTICULATED   NO COURSE ARTICULATED   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED:College has not   submitted course(s) for articulation   NO COURSE ARTICULATED:College has not   submitted course(s) for articulation   NO COURSE ARTICULATED:College has not   submitted course(s) for articulation   NO COMPARABLE COURSE
REL REL REL REL REL	STD STD STD STD STD STD	6 10 10A 11 12 21 23	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible Intro Judaism	(4) (2) (2) (4) (4) (4) (4)	NO COURSE ARTICULATED   NO COURSE ARTICULATED   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COURSE ARTICULATED: College has not   submitted course(s) for articulation   NO COMPARABLE COURSE   NO COMPARABLE COURSE
REL REL REL REL REL	STD STD STD STD	6 10 10A 11 12 21 23	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible	(4) (2) (2) (4) (4) (4) (4)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not
REL REL REL REL REL REL	STD STD STD STD STD STD STD	6 10 10A 11 12 21 23 30	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible Intro Judaism South Asian Religions	(4) (2) (2) (4) (4) (4) (4) (4)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation
REL REL REL REL REL REL REL REL	STD STD STD STD STD STD STD	6 10 10A 11 12 21 23 30 40	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible Intro Judaism South Asian Religions  New Testament	(4) (2) (2) (4) (4) (4) (4) (4)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE
REL REL REL REL REL REL REL REL	STD STD STD STD STD STD STD	6 10 10A 11 12 21 23 30 40	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible Intro Judaism South Asian Religions  New Testament Religion and Sci	(4) (2) (2) (4) (4) (4) (4) (4)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not     Submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not
REL REL REL REL REL REL REL	STD STD STD STD STD STD STD	6 10 10A 11 12 21 23 30 40 42	Comparative Religion Intro Health Humanities Contemporary Ethical Issues Contemporary Ethical Issues Ethical Eating  Emergence Abrahamic Religions The Bible Intro Judaism South Asian Religions  New Testament	(4) (2) (2) (4) (4) (4) (4) (4) (4)	NO COURSE ARTICULATED     NO COURSE ARTICULATED     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE     NO COURSE ARTICULATED: College has not     submitted course(s) for articulation     NO COMPARABLE COURSE

REL STD 60 Introduction to Islam (4) NO COMPARABLE COURSE

REL STD 65C The Qur'an and Its

Interpretation

|submitted course(s) for articulation

(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	(4)	NO COMPARABLE COURSE
	Philosophy		
REL STD 80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

## ====Russian A.B.====

## Special Advising Note:

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

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

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

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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:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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
UC Davis College Dean's Office or the Biology Academic Success Center for more
information

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AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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SCI&TEC 1 Intro Sci & Tech Std (4) NO COMPARABLE COURSE SCI&TEC 20 Sci & Tec Std Methods (4) NO COMPARABLE COURSE
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## 8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPARABLE COURSE
	Contemporary Issues		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted course(s) for articulation
Same as:	ANTHRO 32		

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://sts.ucdavis.edu/undergraduate/sts-major-

requirements

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END OF MAJOR

## ====Sociology A.B.====

#### Special Advising Note:

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

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additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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SOCIOL 1	Intro Sociology	(5)	SOC 110 Introduction to (3)
1) SOCIOL 4	6A Intro Social Rsch	(4)	PSY 205 Introduction to (3) Research Methods Same as: ANTH 205, BEHS 205, SOC 205
SOCIOL 46B	Intro Social Rsch	(5)	!
	ONE COURSE FRO	OM T	HE FOLLOWING:
SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology (3)   Same as:
SOCIOL 3	Social Problems	(4)	SOC 112 Modern 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
	Multicultural Societies		
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
			HE HOLLOWING.

## ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	ANTH	102	Introduction to Cultural Anthropology	(3)
	OR		İ		OR	
ANTHRO 20	Comparative Cultures	(4)	ANTH	103	Globalization and Peoples and Cultures of the World	(3)

### ONE COURSE FROM THE FOLLOWING:

HISTORY	4A	Western Civ	(4)	HIST	110	Western Civilization	(3)
						I: To 1350	
HISTORY	4B	Western Civ	(4)	HIST	111	Western Civilization	(3)
						II: 1350 to 1815	
HISTORY	4C	Western Civ	(4)	HIST	112	Western Civilization	(3)
						III: 19th and 20th	

			Centuries		
HISTORY 6 Intro to Middl	e East (4)	NO COURSE	ARTICULATED:	College :	has not
		submitted	course(s) for	r articul	ation
p) HISTORY 7A Latin Amer	ica to (4)	HIST 214	History of	Latin	(3)
1700			America		
p) HISTORY 7B Latin Amer	ica (4)	HIST 214	History of	Latin	(3)
1700-1900			America		
p) HISTORY 7C Latin Amer	ica (4)	HIST 214	History of	Latin	(3)
1900-Prese	nt		America		
HISTORY 8 Indian Civiliz	ation (4)	NO COMPAR	ABLE COURSE		
HISTORY 9A East Asian Ci	v (4)	NO COMPAR	ABLE COURSE		
HISTORY 9B East Asian Ci	v (4)	NO COMPAR	ABLE COURSE		
HISTORY 10C World Histor	y III (4)	HIST 102	World Histo	ory II:	(4)
			Evolution o	of the	
			Modern Worl	Ld	
HISTORY 15A Africa to 1900	(4)	NO COURSE	ARTICULATED		
HISTORY 15B Africa Today	(4)	NO COURSE	ARTICULATED		
HISTORY 17A U.S. History	(4)	HIST 117	History of	the Unit	ed (3)
			States I		
HISTORY 17B U.S. History	(4)	HIST 118	History of	the Unit	ed (3)
		İ	States II		

#### ONE COURSE FROM THE FOLLOWING:

e) PHILOS 5	Critical Reasoning	(4)	PHIL 1	L12	Introduction	to	Logic	(3)
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COM	/IPARABI	LE COURSE			
PHILOS 24	Intro to Ethics	(4)	PHIL 1	L11	Introduction	to	Ethics	(3)

#### END OF MAJOR

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both

## ====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

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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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

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SOCIOL 1	Intro Sociology	(5)	SOC 1 		Introduction to Sociology	
SOCIOL 5	Global Soc Change	(4)	NO CO	MPARAE		
1) SOCIOL 462	A Intro Social Rsch	(4)	İ		Introduction to Research Methods ANTH 205, BEHS 205, SOC	(3)
SOCIOL 46B		(5)	NO CO	MPARAE	BLE COURSE	
ECON 1B P	rinc of Macroecon	(4)	ECON 	101	Principles of Macroeconomics	(3)
ANTHRO 2 Cu	ultural Anthropology  OR	(5)	   ANTH 	102	Introduction to Cultural Anthropology OR	(3)
ANTHRO 20	Comparative Cultures	(4)	ANTH   	103	Globalization and Peoples and Cultures of the World	(3)
HISTORY 10C	World History III	(4)	  HIST   	102	World History II: Evolution of the Modern World	(4)
POL SCI 2	OR Intro Comp Politics	(4)	  POLS   	102	OR Comparative Political Systems	(3)

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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1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

#### ====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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5) SOC 110 Introduction to Sociology	(3)
SOCIOL 3	Social Problems OR	(4) SOC 112 Modern Social Probl	Lems (3)
SOCIOL 4	Immigrtn & Opprtnty	(4) NO COMPARABLE COURSE	
	OR	OR	
SOCIOL 11	Sociology of Labor and	(4) NO COURSE ARTICULATED: College	e has not

Employment		submitted course(s) for articulation
1) SOCIOL 46A Intro Social Rsch	(4)	PSY 205 Introduction to (3) Research Methods
AND		Same as: ANTH 205, BEHS 205, SOC 205 AND
SOCIOL 46B Intro Social Rsch	(5)	NO COMPARABLE COURSE
	FRO	M THE FOLLOWING:
ANTHRO 2 Cultural Anthropology	(5)	ANTH 102 Introduction to (3) Cultural Anthropology
ANTHRO 20 Comparative Cultures	(4)	ANTH 103 Globalization and (3)   Peoples and Cultures   of the World
POL SCI 1 Amer Natl Govt	(4)	POLS 100 American Political (3)   Institutions
		OR OR
		POLS 101 Introduction to the (3) Government of the United States
POL SCI 3 Internatl Relations	(4)	POLS 104 International (3) Relations
POL SCI 4 Bas Cnpt/Pol Thry		
POL SCI 7 Law & Politics	(4)	NO COMPARABLE COURSE
4 QUARTER UNITS	FRO	M THE FOLLOWING:
HISTORY 4A Western Civ	(4)	HIST 110 Western Civilization (3)
HISTORY 4B Western Civ	(4)	HIST 111 Western Civilization (3)   II: 1350 to 1815
HISTORY 4C Western Civ	(4)	HIST 112 Western Civilization (3)   III: 19th and 20th   Centuries
HISTORY 6 Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not
p) HISTORY 7A Latin America to 1700	(4)	submitted course(s) for articulation  HIST 214 History of Latin (3)   America
p) HISTORY 7B Latin America 1700-1900	(4)	HIST 214 History of Latin (3)   America
p) HISTORY 7C Latin America 1900-Present	(4)	HIST 214 History of Latin (3) America
HISTORY 8 Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A East Asian Civ HISTORY 9B East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B East Asian Civ HISTORY 10C World History III	(4)	NO COMPARABLE COURSE   HIST 102 World History II: (4)   Evolution of the   Modern World
HISTORY 15A Africa to 1900	(4)	1
HISTORY 15B Africa Today		
HISTORY 17A U.S. History	(4)	HIST 117 History of the United (3)
HISTORY 17B U.S. History	(4)	States I  HIST 118 History of the United (3)   States II
		PHIL 112 Introduction to Logic (3)
PHILOS 14 Eth Soc Prob in Soc OR	(4)	
PHILOS 24 Intro to Ethics		PHIL 111 Introduction to Ethics (3)

- 1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.
- p) Students at College of Marin who complete HIST 214 will receive credit at UC Davis for one course only--either HISTORY 7A, 7B, OR 7C.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, not both

## ====Sociology A.B. (Social Services)====

#### Special Advising Note:

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

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

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

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

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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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SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology (3)
			Same as:
	OR		OR
	Social Problems	(4)	SOC 112   Modern Social Problems (3)
		(4)	PSY 205 Introduction to (3)
			Research Methods
	AND		Same as: ANTH 205, BEHS 205, SOC 205
COCTOT 16D	Intro Social Rsch	/ E \	
		(5)	NO COMPARABLE COOKSE
PSYCH 1	General Psychology	(4)	PSY 110 Introduction to (3)
			Psychology
	6-8 OUARTER UNI	 [S F]	ROM THE FOLLOWING:
AF-AMST 10	Af-Am Culture & Soc		
AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
	Contemp Issues of Asian		
	Americans		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
	Chicano Culture	. ,	I e
N A STD 1	Intro NA Studies		ETST 151 Native American (3)
			History
	NA Experience		
SOCIOL 4	3 11 1		· ·
SOCIOL 11		(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
	Multicultural Societies		
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation

#### END OF MAJOR

1) The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

## ====Sociology-Organizational Studies A.B.====

## Special Advising Note:

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

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#### Education(GE) Note:

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SOCIOL 1	Intro Sociology	(5) S	OC 11		troduction to ciology AND	(3)
SOCIOL 2	Self and Society	(4) S		30 Sc me as:	cial Psychology	(3)
SOCIOL 4	Immigrtn & Opprtnty OR	(4) N	O COM	MPARABLE	COURSE OR	
SOCIOL 5	Global Soc Change OR	(4) N	O COM	MPARABLE	COURSE OR	
SOCIOL 11	Sociology of Labor and Employment	!			'ICULATED: Colleg rse(s) for artic	
1) SOCIOL	46A Intro Social Rsch	(4) P		Re	troduction to search Methods NTH 205, BEHS 20	(3)
	AND		Dan	iic as - F	AND	J, BOC 203
SOCIOL 46B	Intro Social Rsch	(5) N	O COM	MPARABLE	COURSE	
ECON 1A	Princ of Microecon	(4)   E	CON 1		rinciples of Microeconomics	(3)
	AND			1.	AND	
ECON 1B	Princ of Macroecon	(4)   E	CON 1		rinciples of Macroeconomics	(3)

END OF MAJOR

<sup>1)</sup> The Psychology Department at UC Davis will accept College of Marin's PSY 205 in lieu of PSYCH 41. The Sociology Department at UC Davis will accept College of Marin's PSY 205 in lieu of SOCIOL 46A.

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\_\_\_\_\_\_ SPANISH 1 Elementary Spanish (5) SPAN 101 Elementary Spanish I (4) SPANISH 2 Elementary Spanish I (5) SPAN 101 Elementary Spanish I (4) | SPAN 102 | Elementary Spanish II (4)
| SPANISH 3 | Elementary Spanish | (5) | SPAN 102 | Elementary Spanish | (4)
| SPANISH 21 | Intm Spanish | (5) | SPAN 203 | Intermediate Spanish | (4) III SPANISH 22 Intm Spanish (5) | SPAN 204 Intermediate Spanish (4) IV Span Comp I (4) SPAN 225 Advanced Spanish I (4) SPAN 226 Advanced Spanish II SPANISH 23 (3) SPANISH 24 Span Comp II (3) OR OR SPANISH 31 Int Span Nat Spk I (5) NO COMPARABLE COURSE SPANISH 32 Int Span Nat Spk II (5) NO COMPARABLE COURSE SPANISH 33 Int Span Nat Spk III (5) NO COMPARABLE COURSE

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

END OF MAJOR

#### ====Statistics A.B.====

#### Special Advising Note:

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

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		  MATH 122	Applications Calculus II with	(2)
		MAIH 122 	Applications	(3)
		OR   MATH 123 &	Analytic Geometry and	(5)
		MAIH 123 <u>&amp;</u>	Calculus I	(3)
		MATH 124	Analytic Geometry and Calculus II	(5)
f) MATH 16B Short Calculus	(3)	  MATH 121 <u>&amp;</u>	Calculus I with	(3)
		  MATH 122	Applications Calculus II with	(2)
		MAIH 122 	Applications	(3)
		OR   MATH 123 &	Analytic Geometry and	(5)
		MAIH 123 <u>&amp;</u> 	Calculus I	(5)
		MATH 124 	Analytic Geometry and Calculus II	(5)
f) MATH 16C Short Calculus	(3)	MATH 121 &	Calculus I with	(3)
		  MATH 122	Applications Calculus II with	(3)
		OP	Applications	
		<u>OR</u>  MATH 123 &	Analytic Geometry and	(5)
		<u> </u>	Calculus I	<b>( - )</b>
		MATH 124 	Analytic Geometry and Calculus II	(5)
OR MATH 17A Calculus for BioSci	(1)	  MATH 121	OR	(2)
MAIH 17A Calculus for Blosef	(4)	MAIH 121 	Calculus I with Applications	(3)
MATH 17B Calculus for Biosci	(4)	MATH 122	Calculus II with Applications	(3)
			Applicacions	
MATH 17C Calculus for BioSci	(4)	NO COURSE A	RTICULATED: College has	not
	(4)	!	ourse(s) for articulati	
MATH 17C Calculus for BioSci  OR  MATH 21A Calculus		!		
OR MATH 21A Calculus	(4)	submitted c    MATH 123 	course(s) for articulati OR Analytic Geometry and Calculus I	on (5)
OR	(4)	submitted c	course(s) for articulati OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II	on
OR MATH 21A Calculus	(4)	submitted c    MATH 123 	course(s) for articulati OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry,	on (5)
MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus	(4) (4) (4)	submitted c    MATH 123    MATH 124	course(s) for articulati OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III	on (5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra	(4) (4) (4)	submitted c    MATH 123    MATH 124    MATH 223	OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III	(5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra	(4) (4) (4) (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116	course(s) for articulati  OR  Analytic Geometry and Calculus I  Analytic Geometry and Calculus II  Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra	(5) (5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra	(4) (4) (4) (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116	Course(s) for articulati  OR  Analytic Geometry and Calculus I  Analytic Geometry and Calculus II  Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming	(5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10	(4) (4) (4) (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++	(5) (5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming	(4) (4) (4)  (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++ OR Introduction to	(5) (5) (5) (5)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR	(4) (4) (4)  (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116  COMP 130	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III	(5) (5) (5)  (3)  (4)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming	(4) (4) (4)  (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116  COMP 130	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++ OR Introduction to	(5) (5) (5)  (3)  (4)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming	(4) (4) (4)  (3)	submitted c	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III	(5) (5) (5)  (3)  (4)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming	(4) (4) (4)  (3)	submitted c    MATH 123  MATH 124  MATH 223    MATH 116  COMP 130	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra	(5) (5) (5)  (3)  (4)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming	(4) (4) (4)  (3)	submitted of	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++ OR Introduction to Computer Programming Using C++ VOR Introduction to Computer Programming Using C++ VOR Introduction to Computer Programming Using C++	(5) (5) (5) (3) (4)
OR  MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming Formerly ENG CS 30  OR  ENG CS 36B Object-Oriented Program	(4) (4) (4)(3)	submitted of	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++ OR Introduction to Computer Programming Using C++  OR Introduction to Computer Programming Using C++  OR Introduction to Computer Programming Using C++  Introduction to Computer Programming Using C++  Avanced Programming	(5) (5) (5) (3) (4)
OR MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming Formerly ENG CS 30	(4) (4) (4)(3)	Submitted of	OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III Linear Algebra	(5) (5) (5) ( (3) ( (4))
OR  MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming Formerly ENG CS 30  OR  ENG CS 36B Object-Oriented Program	(4) (4) (4)(3)	Submitted of	Course(s) for articulation  OR  Analytic Geometry and Calculus I  Analytic Geometry and Calculus II  Analytic Geometry,  Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming  Using C++  OR  Introduction to Computer Programming  Using C++  OR  Introduction to Computer Programming  Using C++  Introduction to Computer Programming  Using C++  Advanced Programming  Introduction to Programming in Java  OR  Advanced Programming  In JAVA	(5) (5) (5) ( (3) ( (4)  (4)
OR  MATH 21A Calculus  MATH 21B Calculus  MATH 21C Calculus  MATH 22A Linear Algebra  ENG CS 32A Intro to Programming(4) Formerly ENG CS 10  OR  ENG CS 36A Programming Formerly ENG CS 30  OR  ENG CS 36B Object-Oriented Program	(4) (4) (4)(3)	Submitted of	OR  Analytic Geometry and Calculus I Analytic Geometry and Calculus II Analytic Geometry, Vector Analysis and Calculus III  Linear Algebra  Introduction to Computer Programming Using C++ OR Introduction to Computer Programming Using C++  OR Introduction to Computer Programming Using C++  OR Introduction to Computer Programming Using C++  Introduction to Computer Programming Using C++  Avanced Programming	(5) (5) (5) ( (3) ( (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.

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

BIATIST 32 Gateway to Bata Betefice (1) No contacable cooks

END OF MAJOR

f) This articulation is "series for series" only.

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

f) MATH 16A Short Calculus

(3) MATH 121 & Calculus I with
Applications

MATH 122 Calculus II with
Applications

OR

MATH 123 & Analytic Geometry and (5)

			   M 2 mm	104	Calculus I
			MATH	124	Analytic Geometry and (5) Calculus II
f) MATH 16B	Short Calculus	(3)	I  MATH	121	& Calculus I with (3)
	211010 00100100	(0)			Applications
			MATH	122	
					Applications
			<u>O1</u>	_	
			MATH	123	<u>&amp;</u> Analytic Geometry and (5) Calculus I
			  MATH	124	
				121	Calculus II
f) MATH 16C	Short Calculus	(3)	MATH	121	& Calculus I with (3)
			j		- Applications
			HTAM	122	* *
				_	Applications
			<u>О</u>	_	& Analytic Geometry and (5)
			MAIN	143	Calculus I
			MATH	124	
			j		Calculus II
	OR				OR
MATH 17A	Calculus for BioSci	(4)	MATH	121	Calculus I with (3)
MATH 17B	Calculus for Biosci	(1)		1 2 2	Applications Calculus II with (3)
MAIH I/B	Calculus for Bloser	(4)	MATH	122	Calculus II with (3) Applications
MATH 17C	Calculus for BioSci	(4)	NO CO	OURSI	E ARTICULATED: College has not
					d course(s) for articulation
	OR				OR
MATH 21A	Calculus	(4)	HTAM	123	Analytic Geometry and (5)
MA TILL 01D		( 4 )		104	Calculus I
MATH 21B	Calculus	(4)	MATH	124	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	  MATH	223	
111111 210	04104142	( - /			Vector Analysis and
			j		Calculus III
	MATH 21A,B,C SERIES IS RE				
MATH 22A	Linear Algebra		  MATH		
					(5)
ENG CS 32A	Intro to Programming(4)		COMP	130	Introduction to (4)
Formerl	y ENG CS 10		ĺ		Computer Programming
	-				Using C++
ENG GG 263	OR	( 1 )	COMP	120	OR
	Programming ENG CS 30	(4)	COMP	130	Introduction to (4) Computer Programming
rormerry	ENG CD 30				Using C++
			İ		0211g 0 · ·
			j		
			01	_	
			COMP	135	Introduction to (4)
	OR				Programming in Java <b>OR</b>
ENG CS 36B	Object-Oriented Program	(4)	COMP	232	Advanced Programming (4)
	ENG CS 40	( - /			in JAVA
1			İ		
			01	_	_
			COMP	235	Advanced Programming (4)
			1		in C++

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students,

upon transfer to UC Davis, may need to make up any topic or language deficiencies.

#### AND ONE COURSE FROM

STATIST 12 Discrete Probabil (4) NO COMPARABLE COURSE

STATIST 13 Elementary Statistics (4) STAT 115 Introduction to (4)

Same as: STATIST 13Y Statistics

OR MATH 115 Probability and (4)

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

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION

COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

### f) This articulation is "series for series" only.

### ====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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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:

<u>General Catalog</u> . Quick reference charts for  $\overline{AP}$  and  $\overline{IB}$  are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH	123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH   	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 	224	Elementary Differential Equations	(4)
MATH 22A	Linear Algebra	(3)	MATH 	116	Linear Algebra	(3)
	Data Structures ly ENG CS 60	(4)	COMP	220	Data Structures and Algorithms	(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.

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#### AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARAB	LE COURSE	
STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to	(4)
Same as:	STATIST 13Y			Statistics	
			OR		
			MATH 115	Probability and	(4)
				Statistics	
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	

#### END OF MAJOR

### ====Statistics B.S. (General Statistics Option)==== Special Advising Note:

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

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

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

MATH 21A	Calculus	(4)	  MATH 1 	123	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	  МАТН 1 	124	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	  MATH 2 	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 2   	224		(4)
MATH 22A	Linear Algebra <b>OR</b>	(3)	MATH 1 	116	Linear Algebra <b>OR</b>	(3)
MATH 67	Modern Linear Algebra	(4)		tted o	ARTICULATED: College has course(s) for articulatic	
MATH 25	Advanced Calculus	(4)		JRSE A	ARTICULATED: College has course(s) for articulation	
	Intro to Programming(4) ly ENG CS 10		COMP 1   	130	Introduction to Computer Programming Using C++ OR	(4)
	Programming y ENG CS 30	(4)	  COMP 1   	130	Introduction to Computer Programming Using C++	(4)
	OR		OR COMP 1	135	Introduction to Programming in Java OR	(4)
	Object-Oriented Program y ENG CS 40	(4)	COMP 2	232	Advanced Programming in JAVA	(4)
			<u>OR</u>  COMP 2	235	Advanced Programming in C++	(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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STATIST 13	Elementary Statistics	(4)	STAT 115	Introduction to	(4)
Same as:	STATIST 13Y			Statistics	
			OR OR		
			MATH 115	Probability and	(4)
				Statistics	
STATIST 12	Discrete Probabil	(4)	NO COMPARAB	LE COURSE	
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	
DIMITOI DZ	dateway to bata betefice	( 1 )	INO COMPANAD	DE COORDE	

# ====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.

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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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

\_\_\_\_\_\_ MATH 21A (4) | MATH 123 Analytic Geometry and (5) Calculus Calculus I MATH 21B Calculus (4) | MATH 124 Analytic Geometry and (5) Calculus II MATH 21C Calculus (4) MATH 223 Analytic Geometry, (5) Vector Analysis and Calculus III (4) MATH 224 Elementary MATH 21D Vector Analysis (4)Differential Equations

MATH 22A	Linear Algebra	(3)	MATH	116	Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10		COMP   	130	Introduction to Computer Programming Using C++	(4)
	OR Programming ENG CS 30	(4)	  COMP   	130	OR Introduction to Computer Programming Using C++	(4)
	OR		   <u>O1</u>   COMP 	_	Introduction to Programming in Java OR	(4)
	Object-Oriented Program ENG CS 40	(4)	COMP	232	Advanced Programming in JAVA	(4)
			   <u>01</u>  COMP 		Advanced Programming in C++	(4)
STATIST 12	Discrete Probabil OR	(4)	NO C	OMPARAB	LE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	STAT		Introduction to Statistics	(4)
	OR		· -		Probability and Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO C	OMPARAB	LE COURSE	

# ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4) SPCH 122	Public Speaking (3)
PL SCI 15	Intro Sustainable Agriculture		ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems		ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult		ARTICULATED: College has not course(s) for articulation

PL SCI 49			O.D.
11 501 17	OR Org Crop Prod Prac	(3)	OR NO COURSE ARTICULATED: College has not
	org crop frod frac	(3)	submitted course(s) for articulation
	Select one of the		=
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not
711 501 1571	miliar rrac/madeareare	( 2 )	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
AN SCI 49D	Animal Prac/Goats	(2)	submitted course(s)for articulation  NO COURSE ARTICULATED: College has not
AN SCI 49D	Allimai Flac/Goats	( 4 )	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
40-	- 1		submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not  submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not
111 501 1511	militar fractioning	( 2 )	submitted course(s)for articulation
AN SCI 49I	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
11510511 17	OR	( - /	OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
	PLUS CHOOSE ONE OF		FOLLOWING THREE TRACKS:
	The cheep our of		TOLLOWING TIMEL TRUCKS.
	TRACK I: AGRICU	LTUR	E AND ECOLOGY
f) MATH 16A	Short Calculus	(3)	MATH 121 & Calculus I with (3)
			Applications
			MARKET 100
			MATH 122 Calculus II with (3)
			MATH 122 Calculus II with (3)   Applications   OR
			Applications
			Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I
			Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)
f) Maru 16b	Short Calculus	(2)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)
f) MATH 16B	Short Calculus	(3)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I
	enl Chemistry		Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 124 Geometry and (5)  Calculus II  CALCULUS II  MATH 125 Geometry and (5)  Calculus II
			Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Calculus I  MATH 125 Geometry and (5)  Calculus I  CHEM 131 General Chemistry I (5)  CHEM 131 & General Chemistry I (5)
	enl Chemistry		Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 124 Geometry and (5)  Calculus II  CALCULUS II  MATH 125 Geometry and (5)  Calculus II
CHEM 2A GCHEM 2B G	enl Chemistry enl Chemistry	(5) (5)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  CHEM 131 General Chemistry I (5)  CHEM 132 General Chemistry I (5)  General Chemistry II (5)
CHEM 2A GCHEM 2B G	enl Chemistry enl Chemistry	(5) (5)	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Calculus I  MATH 125 Geometry and (5)  Calculus I  CHEM 131 General Chemistry I (5)  CHEM 131 & General Chemistry I (5)
CHEM 2A GCHEM 2B G	enl Chemistry enl Chemistry 	(5) (5) 	Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus II  MATH 121 & Calculus I with (3)  Applications  MATH 122 Calculus II with (3)  Applications  OR  MATH 123 & Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  MATH 124 Analytic Geometry and (5)  Calculus I  CHEM 131 General Chemistry I (5)  CHEM 132 General Chemistry I (5)  General Chemistry II (5)

			Evolution and Classification  BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology  BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics
PL SCI 2	Bot Physio Cul Plt	(4)	
AN SCI 1	Domest Ani & People  OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation  OR
AN SCI 2	_	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 102 Principles of (3) Microeconomics
CM&RGDE 1	The Community	(4)	
PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE
PHILOS 15	OR Intro to Bioethics	(4)	OR BIOL 145 Ethics in Science (3) Same as: OR CROAL 145 Paking in Science (3)
			GEOL 145 Ethics in Science (3) Same as:
PHILOS 24	<b>OR</b> Intro to Ethics	(4)	OR PHIL 111 Introduction to Ethics (3)
ANTHRO 2		(5)	ANTH 102 Introduction to (3)  Cultural Anthropology
POL SCI 4	OR Bas Cnpt/Pol Thry OR	(4)	OR POLS 103 Political Theory (3) OR
SOCIOL 1	Intro Sociology	(5)	SOC 110 Introduction to (3) Sociology
			OR SOC 112 Modern Social Problems (3)
	TRACK II: F	OOD A	ND SOCIETY
e) PHILOS	5 Critical Reasoning OR	(4)	PHIL 112 Introduction to Logic (3) OR
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
	Eth Soc Prob in Soc <b>OR</b>		
PHILOS 15	Intro to Bioethics	(4)	BIOL 145 Ethics in Science (3) Same as: OR
	OR		GEOL 145 Ethics in Science (3) Same as: OR
	Intro to Ethics		PHIL 111 Introduction to Ethics (3)
	Intro Social Rsch		

OR STATIST 13 Elementary Statistics	(4)	OR STAT 115 Introduction to (4)
Same as: STATIST 13Y	( 1 )	Statistics   OR
		MATH 115 Probability and (4) Statistics
CHEM 2A Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)
BIOLSCI 10 Everyday Biology		BIOL 110 Introduction to (3)   Biology
PL SCI 2 Bot Physio Cul Plt		NO COMPARABLE COURSE
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	Animals, Protozoa, Evolution and Classification
		BIOL 112B & Majors' Biology: (5)   Plants, Algae, Fungi
		and Ecology  BIOL 112C Majors' Biology: (5)   Molecules, Cells,   Prokaryotes and   Genetics
OR ENV S&P 1 Env Analysis	(4)	OR  NO COMPARABLE COURSE
OR ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	(3)	OR  NO COMPARABLE COURSE 
OR W&F BIO 10 Wildl Ecol Conserve OR	(4)	OR  NO COMPARABLE COURSE   OR
	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1 Food Sci Principles	(3)	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)	
POL SCI 4 Bas Cnpt/Pol Thry	(4)	POLS 103 Political Theory (3)
		ANTH 102
SOCIOL 1 Intro Sociology	(5)	SOC 110 Introduction to (3) Sociology
		OR  SOC 112   Modern Social Problems (3)
CM&RGDE 1 The Community CM&RGDE 2 Ethnicity Amer Comm	(4) (4)	NO COMPARABLE COURSE
TRACK III: ECC		
f) MATH 16A Short Calculus		
		MATH 122 Calculus II with (3)

		Applications
		<u>OR</u>  MATH 123 <u>&amp;</u> Analytic Geometry and (5)   Calculus I
		MATH 124 Analytic Geometry and (5)
f) MATH 16B Short Calculus	(3)	Calculus II MATH 121 & Calculus I with (3)
		Applications   MATH 122 Calculus II with (3)    Applications
		<u>OR</u>  MATH 123 <u>&amp;</u> Analytic Geometry and (5)
		Calculus I MATH 124 Analytic Geometry and (5) Calculus II
SOCIOL 46B Intro Social Rsch	(5)	
OR STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	OR  STAT 115 Introduction to (4)   Statistics
Same as. STATIST 131		OR
		MATH 115 Probability and (4) Statistics
CHEM 2A Genl Chemistry	(5)	CHEM 131 General Chemistry I (5)
BIOLSCI 10 Everyday Biology	(4)	BIOL 110 Introduction to (3) Biology
PL SCI 2 Bot Physio Cul Plt		•
BIOLSCI 2B Intro Biology: Ecology & Evolution		BIOL 112A & Majors' Biology: (5) Animals, Protozoa, Evolution and Classification BIOL 112B & Majors' Biology: (5) Plants, Algae, Fungi and Ecology BIOL 112C Majors' Biology: (5) Molecules, Cells, Prokaryotes and Genetics
OR ENV S&P 1 Env Analysis	(4)	OR  NO COMPARABLE COURSE
OR ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	(3)	OR  NO COMPARABLE COURSE
OR		OR
W&F BIO 10 Wildl Ecol Conserve OR	(4)	NO COMPARABLE COURSE   OR
Biology		NO COURSE ARTICULATED: College has not   submitted course(s) for articulation
	(3)	NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
SOILSCI 10 Soils in Our Environment	(3)	
ECON 1A Princ of Microecon	(4)	
ECON 1B Princ of Macroecon	(4)	I .

POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLS 103	Political Theory	(3)
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 	Cultural Anthropology	(3)
SOCIOL 1	OR Intro Sociology OR	(5)	  SOC 110 	OR Introduction to Sociology OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 112	Modern Social Problems	(3)
CM&RGDE 1	The Community	(4)	NO COMPARA	BLE COURSE	
PHILOS 14	Eth Soc Prob in Soc OR	(4)	NO COMPARA	BLE COURSE OR	
PHILOS 15	Intro to Bioethics	(4)	BIOL 145 Same as		(3)
			! —		(3)
	OR			OR	
PHILOS 24	Intro to Ethics	(4)	PHIL 111	Introduction to Ethics	(3)

- f) This articulation is "series for series" only.
- e) Students who complete PHIL 112 at College of Marin will receive credit at UC Davis for PHILOS 5 or 12, 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 <a href="transfer admission website">transfer admission website</a>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

COMUNCN 1	Intro Public Spkg	(4) SPCH 122 Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4) ENGL 151 Reading and Composition (1B)	(4)
UWRITING 1	Expository Writing  OR	(4) ENGL 150 Reading and Composition (1A)	(4)
Formerly	Style in the Essay UWRITING 18 OR	(4) ENGL 155 Critical Thinking Composition OR	and (4)
Formerly UW		(4) NO COMPARABLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 112A & Majors' Biology: Animals, Protozoa	(5)

	Evolution and	
İ	Classification	
BIOL 112B &	Majors' Biology:	(5)
_	Plants, Algae, Fungi	
	and Ecology	
BIOL 112C	Majors' Biology:	(5)
İ	Molecules, Cells,	
İ	Prokaryotes and	
İ	Genetics	

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ALL OF THE FOLLOWING COUR	AT.T.	OF	THE	FOLLOWING	COURSES:
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LND ARC 1	Intro Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
LND ARC 21	Landscape Rep I	(4)	NO COMPARABLE COURSE
Formerly	Design Visualization		
LND ARC 30	History Environ Design	(4)	NO COMPARABLE COURSE
LND ARC 50	Site Ecology	(4)	NO COMPARABLE COURSE
LND ARC 70	Intro to Spacemaking	(4)	NO COMPARABLE COURSE

#### AND ONE COURSE IN A PHYSICAL SCIENCE

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#### END OF MAJOR

### ====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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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 <a href="https://doi.org/10.10/10.2016/journal-no.10.2016/journa

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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

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

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

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

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

General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

PL SCI 21 Computers in Technology OR	(3) NO COMPAR	ABLE COURSE <b>OR</b>	
B) ENG CS 15 Intro to Computers	(4) CIS 110	Introduction to Computer Information Systems	(3)
OR ENG CS 36A Programming Formerly ENG CS 30	(4) COMP 130	OR Introduction to Computer Programming Using C++	(4)
	<u>OR</u>   COMP 135	Introduction to Programming in Java	(4)

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

ECON 1A	Princ of Microecon	(4)	ECON 102 Principles of (3	3)
ECON 1B	Princ of Macroecon	(4)		3)
			·	
	4 QUARTER UNITS	FRO	M THE FOLLOWING:	
ANTHRO 2	Cultural Anthropology  OR	(5)	ANTH 102 Introduction to (3 Cultural Anthropology OR	3)
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	1	
1-	OR	( 4 )	OR	2 \
ARTHI 1A	OR		ART 101	
ARTHI 1B	OR		ART 102	
ARTHI 1C	Baroque to Modern Art	(4)	ART 102 & History of European Art (3   ART 103   History of Modern Art (3	
	OR		OR	
	Arts of Asia	(4)	ART 104 History of Asian Art (	3)
	ALL OF THE FO	OLLO	WING COURSES:	
PHYSICS 1A	Principles Physics <b>OR</b>	(3)	NO COMPARABLE COURSE   OR	
PHYSICS 10	Topics, Nonscientists	(4)	PHYS 110 Introductory Physics (	3)
PSYCH 1	General Psychology	(4)	PSY 110   Introduction to   Calculation   Psychology	3)
SOCIOL 2	Self and Society	(4)	SOC 230 Social Psychology (3	3)
	Elementary Statistics STATIST 13Y	(4)	STAT 115 Introduction to (4)	4)
			<u>OR</u>  MATH 115 Probability and (4   Statistics	4)
TEX&CL 7 TEX&CL 8	Intro Textiles Style & Cult Std Textile Apparel Ind	(4) (4)	NO COMPARABLE COURSE	
MGMT 11A MGMT 11B	Elem Accounting Elem Accounting	(4) (4)	BUS 112 Financial Accounting (4 BUS 113 Managerial Accounting (5	 4) 5)
	Concept of Chem		CHEM 105   Chemistry in the Human (:   Environment	3)
CHEM 2A	OR Genl Chemistry	(5)	OR   CHEM 131 General Chemistry I (!	5)
	A Short Calculus	(3)	MATH 121 & Calculus I with (	 3)
			Applications	3)
			Applications	<i>J</i> /
			OR OR	

			MATH	123	<u>&amp;</u>	Analytic Geometry and	(5)
				101		Calculus I	<i>(</i> <b>-</b> <i>)</i>
			MATH	124		Analytic Geometry and	(5)
						Calculus II	
f) MATH 16B	Short Calculus	(3)	MATH	121	<u>&amp;</u>	Calculus I with	(3)
						Applications	
			MATH	122		Calculus II with	(3)
			ĺ			Applications	
			OI	R			
			MATH	123	&	Analytic Geometry and	(5)
			İ			Calculus I	
			MATH	124		Analytic Geometry and	(5)
			İ			Calculus II	

#### RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 107	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARAB	LE COURSE	
f) MATH 16C	Short Calculus	(3)	MATH 121 &	Calculus I with	(3)
			_	Applications	
			MATH 122	Calculus II with	(3)
				Applications	
			OR		
			MATH 123 &	Analytic Geometry and	(5)
				Calculus I	
			MATH 124	Analytic Geometry and	(5)
				Calculus II	

Foreign language units may be used to satisfy any or all of the required 12

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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.
- f) This articulation is "series for series" only.

### ====Textiles and Clothing B.S. (Textile Science)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

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#### Special Advising Note:

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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PL SCI 21	Computers in Technology OR	(3)	NO COMPARAE	BLE COURSE OR	
B) ENG CS 1	Intro to Computers	(4)	  CIS 110   	Introduction to Computer Information Systems	(3)
	OR Programming ENG CS 30	(4)	  COMP 130   	OR Introduction to Computer Programming Using C++	(4)
			<u>OR</u>  COMP 135	Introduction to Programming in Java	(4)
may not	note that the community control to be identical to UC Davis cansfer to UC Davis, may necessions.	cour	ses. Commur	nity college students,	
ECON 1A	Princ of Microecon	(4)	  ECON 102	<del>-</del>	(3)
ECON 1B	Princ of Macroecon	(4)	  ECON 101 	Microeconomics Principles of Macroeconomics	(3)
	4 QUARTER UNITS	FRO	M THE FOLLOW	ving:	
ANTHRO 2	Cultural Anthropology	(5)	ANTH 102 	Cultural Anthropology	(3)
SCI&SOC 1	<b>OR</b> Critical Inquiry into Contemporary Issues	(4)	  NO COMPARAE 		
ARTHI 1A	OR Ancient Mediterranean Art	(4)	  ART 101		(3)
ARTHI 1B	OR Mediev&Renaiss Art OR	(4)	  ART 102 	OR History of European Art OR	(3)
ARTHI 1C	Baroque to Modern Art	(4)	•	~=-	
ARTHI 1D	<b>OR</b> Arts of Asia	(4)		OR History of Asian Art	
	ALL OF THE F				
PHYSICS 1A	Principles Physics OR				
	Topics, Nonscientists			Introductory Physics	(3)
PSYCH 1	General Psychology	(4)	PSY 110 		
SOCIOL 2	Self and Society	(4)		Social Psychology	
STATIST 13	Elementary Statistics STATIST 13Y		į	Introduction to Statistics	(4)
			İ	Probability and Statistics	
TEX&CL 6 TEX&CL 7		(4) (4)	NO COMPARAE	BLE COURSE BLE COURSE	

CHEM 2A Genl Chemistry	(5)	CHEM 131 General Chemistry I	(5)
CHEM 2B Genl Chemistry		CHEM 131 & General Chemistry I	(5)
	(-,	CHEM 132 General Chemistry II	(5)
CHEM 8A Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I	(5)
5 · · · · · · · · · · · · · · · · · · ·	,	CHEM 232 Organic Chemistry II	(5)
CHEM 8B Organic Chem-Brief	(4)	CHEM 231 & Organic Chemistry I	(5)
	( - /	CHEM 232 Organic Chemistry II	(5)
f) MATH 16A Short Calculus	(3)	MATH 121 & Calculus I with	(3)
		Applications	
		MATH 122 Calculus II with	(3)
		Applications	. ,
		OR	
		MATH 123 & Analytic Geometry and	(5)
		Calculus I	
		MATH 124 Analytic Geometry and	(5)
		Calculus II	
RESTRICTED ELECTIVES	(16	QUARTER UNITS):	
AGRESEC 18 Business Law	(4)	BUS 107 Business Law	(3)
CHEM 2C Genl Chemistry	(5)	CHEM 132 General Chemistry II	(5)
CHEM 128A Organic Chemistry	(3)	CHEM 231 Organic Chemistry I	(5)
CHEM 128B Organic Chemistry	(3)	CHEM 231 & Organic Chemistry I	(5)
		CHEM 232 Organic Chemistry II	(5)
CHEM 128C Organic Chemistry	(3)	CHEM 232 Organic Chemistry II	(5)
DESIGN 77 Intro to Fashion Design	(4)	NO COMPARABLE COURSE	
MGMT 11A Elem Accounting	(4)	BUS 112 Financial Accounting	(4)
MGMT 11B Elem Accounting	(4)	BUS 113 Managerial Accounting	(5)
f) MATH 16B Short Calculus	(3)	MATH 121 & Calculus I with	(3)
		Applications	
		MATH 122 Calculus II with	(3)
		Applications	
		<u>OR</u>	
		MATH 123 $\underline{\&}$ Analytic Geometry and	(5)
		Calculus I	
		MATH 124 Analytic Geometry and	(5)
		Calculus II	
f) MATH 16C Short Calculus	(3)	MATH 121 & Calculus I with	(3)
		Applications	
		MATH 122 Calculus II with	(3)
		Applications	
		<u>OR</u>	\
		MATH 123 $\underline{\mathbf{a}}$ Analytic Geometry and	(5)
		Calculus I	:
		MATH 124 Analytic Geometry and	(5)
	,	Calculus II	
		NO COMPARABLE COURSE	
Foreign language units may be used to units.	sat.	isry any or all or the required 16	
unites.			

- 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.
- f) This articulation is "series for series" only.

Transfer students are strongly advised to complete as 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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> 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 <a href="http://llc.ucdavis.edu/foreign-language-placement-exams">http://llc.ucdavis.edu/foreign-language-placement-exams</a> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

### ONE COURSE FROM THE FOLLOWING:

DRAMART 21A Fundamentals of Act (4) DRAM 131 Theory and Practice in (3) Acting II

DRAMART 40A Beg Modern Dance (2) NO COMPARABLE COURSE

DRAMART	40B	Int Modern Dance	(2)	NO COMPARABLE COURSE
DRAMART	42A	Beg Ballet	(2)	NO COMPARABLE COURSE
DRAMART	42B	Inter Ballet	(2)	NO COMPARABLE COURSE
		ALL OF THE FO	LLOV	WING COURSES:
DRAMART	28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
DRAMART	55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
DRAMART	56A	Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not
				submitted course(s)for articulation
DRAMART	56B	Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not
				submited course(s)for articulation
DRAMART	56C	Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not
				submited course(s)for articulation
			. – – – -	

#### ====Viticulture and Enology B.S.====

#### Special Advising Note:

#### REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

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

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

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

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

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

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

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

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

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BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 112C     	Majors' Biology: Molecules, Cells, Prokaryotes and Genetics	(5)
	OR		OR	

	OR	Genetics
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5) CHEM 131 General Chemistry I (5)
CHEM 2B	Genl Chemistry	(5) CHEM 131 & General Chemistry I (5)
		CHEM 132 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5) CHEM 132 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2) CHEM 231 & Organic Chemistry I (5)
		CHEM 232 Organic Chemistry II (5)
CHEM 8B	Organic Chem-Brief	(4) CHEM 231 & Organic Chemistry I (5)
		CHEM 232 Organic Chemistry II (5)

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

#### OR EQUIVALENT AND advisor APPROVAL

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f) MATH 16A	Short Calculus	(3)	  МАТН 121 <u>&amp;</u>	Calculus I with	(3)
			  MATH 122 	Applications Calculus II with Applications	(3)
			OR		
			MATH 123 &	Analytic Geometry and Calculus I	(5)
			MATH 124 	Analytic Geometry and Calculus II	(5)
f) MATH 16B	Short Calculus	(3)	MATH 121 &	Calculus I with	(3)
			j <u>-</u>	Applications	
			MATH 122	Calculus II with	(3)
				Applications	
			OR		
			MATH 123 &	Analytic Geometry and	(5)
				Calculus I	
			MATH 124	Analytic Geometry and	(5)
				Calculus II	
PHYSICS 1A	Principles Physics	(3)	  NO COMPARAE	RIF COURSE	
INIDICD IA	AND	(3)	NO COMPARAL	AND	
PHYSICS 1B	Principles Physics	(3)	NO COMPARAE		
	OR	. ,	j	OR	
PHYSICS 7A	General Physics	(4)	PHYS 108A &	General Physics I	(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

VIT-ENO 2 Intro to Viticult (2) NO COMPARABLE COURSE VIT-ENO 3 Intro Winemaking (3) NO COMPARABLE COURSE

PHYS 108B General Physics II

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#### END OF MAJOR

#### f) This articulation is "series for series" only.

# ====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  $\frac{\text{highly recommended}}{\text{Preparing well for}}$  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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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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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UWRITING	3 1	Expository Wri	ting	(4)	   ENGL 	150		_	cion (1A)	(4)
COMUNCN	1	Intro Public Spl OR	kg	(4)	  SPCH 	122			Speaking	(3)
COMUNCN	3	Intprsnl Com Cmj <b>OR</b>	petnce	(4)	NO CO	AAAMC	RABI	JE COURSE <b>OF</b>		
DRAMART		Intro To Acting			İ			Acting I		n (3)
		ing UWP 1 and Corements.	ommunicati	on i	1 wil:	l sim	nult	aneously	satisfy the	
BIOLSCI	2A	Intro Biology: Earth	Life on	(5)	BIOL   	1120	7	Molecul	Biology: Les, Cells, votes and	(5)
BIOLSCI	2B	Intro Biology: & Evolution	Ecology	(5)	  BIOL   	112A	<u>&amp;</u>	Majors' Animals Evoluti	Biology: s, Protozoa, lon and fication	(5)
					BIOL	112E	8 <u>&amp;</u>	Majors'	Biology: Algae, Fungi	(5)
					BIOL     	1120	2	Molecul	Biology: les, Cells, votes and	(5)
BIOLSCI	2C	Intro Biology: Biodiversity & of Life		(5)	BIOL     	112A	<u>&amp;</u>	Animals Evoluti	Biology: s, Protozoa, lon and Tication	(5)
					BIOL   	112E	3		Biology: Algae, Fungi	(5)
CHEM 2A CHEM 2B		nl Chemistry nl Chemistry				131	<u>&amp;</u>	General	Chemistry I Chemistry I Chemistry II	(5) (5) (5)

CHEM 8A	Organic Chem-Brief	(2)	CHEM 231 & Organic Chemistry I   CHEM 232 Organic Chemistry II	(5) (5)
CHEM 8B (	Organic Chem-Brief	(4)	CHEM 231 & Organic Chemistry I	(5)
	5		CHEM 232 Organic Chemistry II	(5)
	Ghart Galardua	(2)	MARKI 101 c. Galandua I nith	(2)
I) MATH 16A	Short Calculus	(3)	MATH 121 & Calculus I with   Applications	(3)
			MATH 122   Calculus II with	(3)
			Applications	
			OR	<i>(</i> <b>-</b> <i>)</i>
			MATH 123 & Analytic Geometry and   Calculus I	(5)
			MATH 124 Analytic Geometry and	(5)
			Calculus II	, ,
f) MATH 16B	Short Calculus	(3)	MATH 121 & Calculus I with	(3)
			Applications  MATH 122 Calculus II with	(3)
			Applications	(3)
			OR	
			MATH 123 & Analytic Geometry and	(5)
			Calculus I	
			MATH 124   Analytic Geometry and	(5)
			Calculus II	
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE	
(	ONE COURSE FROM THE FOLLOW			
MCD DIO 10		IING	(3-4 QUARTER UNITS):	
My'H, HI() I(I	Wildl Ecol Conserve			
W&F BIO 10 W&F BIO 50	Wildl Ecol Conserve Calif Wild Vertebrates	(4)	(3-4 QUARTER UNITS):   NO COMPARABLE COURSE    NO COURSE ARTICULATED: College has	not
		(4)	NO COMPARABLE COURSE	
	Calif Wild Vertebrates  Intro to Conservation	(4)	NO COMPARABLE COURSE NO COURSE ARTICULATED: College has submitted course(s) for articulation COURSE ARTICULATED: College has	on not
W&F BIO 50	Calif Wild Vertebrates  Intro to Conservation Biology	(4) (3)	NO COMPARABLE COURSE  NO COURSE ARTICULATED: College has  submitted course(s) for articulation  NO COURSE ARTICULATED: College has  submitted course(s) for articulation	on not
W&F BIO 50 W&F BIO 51 RECO	Calif Wild Vertebrates Intro to Conservation Biology MMENDED COURSES FOR THE WI	(4) (3) (3)	NO COMPARABLE COURSE  NO COURSE ARTICULATED: College has  submitted course(s) for articulation  NO COURSE ARTICULATED: College has  submitted course(s) for articulation  FE HEALTH AREA OF SPECIALIZATION:	on not on
W&F BIO 50  W&F BIO 51  RECOI	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry	(4) (3) (3) (LDLI:	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132 General Chemistry II	not not on (5)
W&F BIO 50 W&F BIO 51 RECO	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry	(4) (3) (3) (LDLI (5) (4)	NO COMPARABLE COURSE  NO COURSE ARTICULATED: College has  submitted course(s) for articulation  NO COURSE ARTICULATED: College has  submitted course(s) for articulation  FE HEALTH AREA OF SPECIALIZATION:	on not on
W&F BIO 50  W&F BIO 51  RECOI  CHEM 2C C  CHEM 118A	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (3) (3) (LDLI (5) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   Submitted course(s) for articulation   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry I   CHEM 231   Organic Chemistry I   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II	on not on (5) (5)
W&F BIO 50  W&F BIO 51  RECORD CHEM 2C CHEM 118A CHEM 118B  CHEM 118C	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (3) (3) (LDLI (5) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry I   CHEM 231   Organic Chemistry I   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II	(5) (5) (5) (5) (5)
W&F BIO 50  W&F BIO 51  RECOI  CHEM 2C  CHEM 118A  CHEM 118B	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (3) (3) (LDLI (5) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry I   CHEM 231   Organic Chemistry I   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   Organic Chemi	(5) (5) (5) (5) (5) (5) (4)
W&F BIO 50  W&F BIO 51  RECOR  CHEM 2C  CHEM 118A  CHEM 118B  CHEM 118C  PHYSICS 7A	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics	(4) (3) (3) (5) (4) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   Submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry I   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   CHEM 232   Organic Chemistry II   PHYS 108A   General Physics I   PHYS 108B   General Physics II	(5) (5) (5) (5) (5) (5) (4) (4)
W&F BIO 50  W&F BIO 51  RECORD CHEM 2C CHEM 118A CHEM 118B  CHEM 118C	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (3) (3) (5) (4) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   Submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry II   CHEM 231   Organic Chemistry II   CHEM 232   Organic Chemistry II   Organic Chemistr	(5) (5) (5) (5) (5) (4) (4) (4)
W&F BIO 50  W&F BIO 51  RECOR  CHEM 2C  CHEM 118A  CHEM 118B  CHEM 118C  PHYSICS 7A	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics	(4) (3) (3) (5) (4) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   Submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry II   CHEM 231   Organic Chemistry II   CHEM 232   Organic Chemistry II   Organic Chemistry II   CHEM 232   Organic Chemistry II   Organic Chemistry	(5) (5) (5) (5) (5) (5) (4) (4)
W&F BIO 50  W&F BIO 51  RECOI  CHEM 2C  CHEM 118A  CHEM 118B  CHEM 118C  PHYSICS 7A  PHYSICS 7B	Calif Wild Vertebrates  Intro to Conservation Biology  MMENDED COURSES FOR THE WI  Genl Chemistry Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci General Physics  General Physics	(4) (3) (3) (5) (4) (4) (4) (4)	NO COMPARABLE COURSE   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   NO COURSE ARTICULATED: College has   submitted course(s) for articulation   Submitted course(s) for articulation   FE HEALTH AREA OF SPECIALIZATION:   CHEM 132   General Chemistry II   CHEM 231   Organic Chemistry II   CHEM 231   Organic Chemistry II   CHEM 232   Organic Chemistry II   Organic Chemistr	(5) (5) (5) (5) (5) (4) (4) (4) (4)

#### f) This articulation is "series for series" only.

#### ====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 <a href="http://engineering.ucdavis.edu/transfer-credit-agreements/">http://engineering.ucdavis.edu/transfer-credit-agreements/</a>

<u>agreemer</u>	<u>1057</u>					
MATH 21	A Calculus	(4)	   MATH 	123	Analytic Geometry and Calculus I	(5)
MATH 21E	3 Calculus	(4)	   MATH 	124	Analytic Geometry and Calculus II	(5)
MATH 210	C Calculus	(4)	MATH   	223	Analytic Geometry, Vector Analysis and Calculus III	(5)
MATH 21I	D Vector Analysis	(4)	MATH 	224	Elementary Differential Equations	(4)
MATH 22	A Linear Algebra	(3)	MATH	116	Linear Algebra	(3)
MATH 22E	B Differntl Equations	(3)	MATH 	224	Elementary Differential Equations	(4)
CHEM 2A	Genl Chemistry	(5)	СНЕМ	131	General Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	131 <u>&amp;</u> 132	General Chemistry I General Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM	132	General Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	231 <u>&amp;</u> 232	organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	231 <u>&amp;</u> 232	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 118	BA Org Chem, Hlth & Sci	(4)	CHEM	231	Organic Chemistry I	(5)
CHEM 118	BB Org Chem, Hlth & Sci	(4)	CHEM	231 <u>&amp;</u> 232	organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128	BA Organic Chemistry	(3)	CHEM	231	Organic Chemistry I	(5)
CHEM 128	BB Organic Chemistry		CHEM	232	Organic Chemistry II	(5) (5)
CHEM 129	PA Organic Chem Lab					
PHYSICS	9A Classical Physics	(5)	PHYS 		Mechanics and Properties of Matter	
PHYSICS	9B Classical Physics	(5)	PHYS 	207C		(5)
PHYSICS	9C Classical Physics	(5)	   PHYS 	207B		(5)
	9D Modern Physics	(4)		OMPARA	ABLE COURSE	
BIMEDEN	20 Fundamentals of Bioengineering	(4)				
	Graphics in Design		ENGG 	125		(4)

ENGIN 6	Engr Prob Solving	(4)	ENGG 150 Same as:	Programming in MATLAB for Engineers	(4)
			<u>OR</u>  COMP 150     Same as:	Programming in MATLAB for Engineers	(4)
 ENGIN 17	Circuits I	(4)	ENGG 220 &	 Electric Circuit	(3)
		, ,	_	Analysis Electric Circuits Lab	
ENGIN 35	Statics	(4)	ENGG 235 	Engineering Mechanics - Statics	(3)
ENGIN 45	Prop of Mats	(4)	ENGG 245 	Engineering Materials Science	(4)
ENG CS 20	C Sci/Discrete Math	(4)	COMP 117   Same as:   <b>OR</b>	Discrete Mathematics	(3)
			·	Discrete Mathematics	(3)
	Programming ENG CS 30	(4)	COMP 130   	Introduction to Computer Programming Using C++	(4)
			<u>OR</u>   COMP 135 	Introduction to Programming in Java	(4)
	Object-Oriented Program ENG CS 40	(4)	COMP 232 	Advanced Programming in JAVA	(4
			OR   COMP 235 	Advanced Programming in C++	(4)
	Machine Dependent Prog	(4)	COMP 160 	Computer Organization: An Assembly Language Perspective	
ENG CS 36C		(4)		Data Structures and Algorithms	
ENC DC 1	Biosys Engr Fndts	(4)	NO COMPARABI	LE COURSE	
FING DO I	Drop Mat in Dia Co	(4)	NO COMPARABI	LE COURSE	
	Prop Mat in Bio Sys				
ENG BS 75			NO COMPARABI	LE COURSE	
ENG BS 75  ENG MEC 50		(4)			
ENG BS 75 ENG MEC 50 ENG CHM 51	Mfg Processes	(4)	NO COMPARABI	LE COURSE	

UWRITING 1	Expository Writing	(4)	ENGL 	150	Reading and ( Composition (1A)	(4)
ENGLISH 3	Intro to Lit	(4)	ENGL 	151		(4)
COMUNCN 1	Intro Public Spkg	(4)	SPCH	122	Public Speaking (	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	NO CO	OMPAR <i>I</i>	ABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL   	112C	Majors' Biology: ( Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	   		Animals, Protozoa, Evolution and Classification	(5)
			BIOL   	112B	<pre>Majors' Biology: (    Plants, Algae, Fungi    and Ecology</pre>	(5)
			BIOL	112C	Majors' Biology: ( Molecules, Cells, Prokaryotes and Genetics	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	  BIOL   	112A	<pre>Majors' Biology: ( Animals, Protozoa, Evolution and Classification</pre>	(5)
			BIOL	112B		(5)
c) GEOLOGY 50	Physical Geology	(3)	GEOL 	120	Physical Geology (	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CO	OMPAR <i>i</i>	ABLE COURSE	

- $_{\rm C})$  This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- $_{\odot})$  If a student takes GEOL 120 at College of Marin, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.