18-19 General Catalog Quarter 17-19 General Catalog Semester

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <u>transfer admission website</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(5)	anthr 3 	Introduction to Social and Cultural Anthropology	(3)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1 	Principles of Economics (Macro-Economics)	(3)
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
POL SCI 1	Amer Natl Govt	(4)	POSCI 1 	Government and Politics in the United States	(3)
POL SCI 2	Intro Comp Politics	(4)	POSCI 2	Comparative Government	(3)
PSYCH 1	General Psychology	(4)	PSYCH 1A 	Introduction to General Psychology	(3)

ONE COURSE FROM THE FOLLOWING:

CHICANO 10	Intro to Chic Std	(4) NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4) NO COURSE ARTICULATED: College has not

submitted course(s) for articulation N A STD 10 NA Experience (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation A A STD 1 Hist Exp Asian Am (4) NO COMPARABLE COURSE A A STD 2 Contemp Issues of Asian (4) NO COURSE ARTICULATED: College has not Americans submitted course(s) for articulation d) WOM STD 50 Intro Gender Studies (4) |WS 1 Introduction to Women's (3) Studies _____ TWO COURSES FROM THE FOLLOWING: (4) | NO COURSE ARTICULATED (4) | NO COURSE ARTICULATED (4) | HIST 72 ----HISTORY 15A Africa to 1900 HISTORY 15B Africa Today HISTORY 17A U.S. History (4) | HIST 7A History of the United (3) States (to 1877) (4) HIST 7B History of the United (3) HISTORY 17B U.S. History States (since 1865) _____ 4 QUARTER UNITS FROM THE FOLLOWING: AF-AMST 16African Verbal Arts(4) NO COMPARABLE COURSEAF-AMST 51History Af-Amr Dance(4) NO COMPARABLE COURSE DRAMART 41ABeg Jazz Dance(2) NO COMPARABLE COURSEDRAMART 41BInter Jazz Dance(2) NO COMPARABLE COURSEDRAMART 44ABeg 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

d) Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.

====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

HISTORY 17A	U.S. History	(4) HIST 7A 	History of the United (3) States (to 1877)
	OR	ĺ	OR
POL SCI 1	Amer Natl Govt	(4) POSCI 1	Government and Politics (3) in the United States

_____ A MINIMUM OF 8 QUARTER UNITS FROM EACH OF THE FOLLOWING AREAS: AN SCI 1Domest Ani & People(4) | NO COMPARABLE COURSEAN SCI 2Intro Animal Sci(4) | NO COMPARABLE COURSEAN SCI 21Livestock&Dairy Jdg(2) | NO COMPARABLE COURSEAN SCI 41Domestic Ani Prod(2) | NO COMPARABLE COURSE _____ _____ ABIOSYT 16 Metal Prop & Fabr (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ABIOSYT 49Fld Equip Oper(2) NO COMPARABLE COURSEABIOSYT 52Field Equip Welding(2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation _____ AGRESEC 15 Pop,Envr,World Agri (4) NO COMPARABLE COURSE AND AND ECON 1A Princ of Microecon (4) ECON 2 Principles of Economics (3) (Micro-Economics) OR OR ECON 1B Princ of Macroecon (4) ECON 1 Principles of Economics (3) (Macro-Economics) _____ _____ ENVHORT 1Intro Envhort/Urb For(3) | NO COMPARABLE COURSEENVHORT 6Intro Environ Plants(4) | NO COMPARABLE COURSE PL SCI 5 Plants Gard, Orch & Land (2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENV S&P 10 Current Issues in (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 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 1Agr Nature & Society(3) NO COMPARABLE COURSEPL SCI 2Bot Physio Cul Plt(4) NO COMPARABLE COURSEPL SCI 15Intro Sustainable(4) NO COURSE ARTICULATED: College has notAgriculturesubmitted course(s) for articulationPL SCI 49Org Crop Prod Prac(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation VIT-ENO 2Intro to Viticult(2) NO COMPARABLE COURSEVIT-ENO 3Intro Winemaking(3) NO COMPARABLE COURSE _____ ALL OF THE FOLLOWING COURSES: BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1A General Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1B General Biology (5) & Evolution _____ (5) CHEM 1A General Chemistry (5) CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry (5)|CHEM 1A 崔 General Chemistry (5) CHEM 1B General Chemistry (5) _____ b) GEOLOGY 1 The Earth (4) GEOL 10 Introduction to Geology (3) GEOLOGY 20California Geology(2) NO COMPARABLE COURSESOILSCI 10Soils in Our(3) NO COMPARABLE COURSEEnvironment _____ (3) | MATH 16A Calculus for Business (3) MATH 16A Short Calculus and the Life and Social Sciences OR MATH 3A Calculus I (5)

us (3)	MATH 16B 	Calculus for Business and the Life and Social Sciences	(3)
	OR		
	MATH 3B	Calculus II	(5)
		OR	
BioSci (4)	NO COURSE	CARTICULATED: College has 1	not
	submitted	l course(s) for articulation	n
Biosci (4)	NO COURSE	CARTICULATED: College has 1	not
	submitted	l course(s) for articulation	n
		OR	
(4)	MATH 3A	Calculus I	(5)
(4)	MATH 3B	Calculus II	(5)
Dhysics (4)	אסריי 1 סוועק אס ג	General Dhysics	(5)
11195105 (1)	-	_	(5)
Physics (4)			(5)
111/0100 (1)	-		(5)
that students co		-	()
	BioSci (4) Biosci (4) (4) (4) Physics (4) Physics (4)	OR MATH 3B BioSci (4) NO COURSE submitted Biosci (4) NO COURSE submitted (4) MATH 3A (4) MATH 3B Physics (4) PHYS 3A Physics (4) PHYS 3A Physics (4) PHYS 3A Physics (4) PHYS 3A Physics (4) PHYS 3B PHYS 3B PHYS 3B	and the Life and Social Sciences OR MATH 3B Calculus II OR BioSci (4) NO COURSE ARTICULATED: College has a submitted course(s) for articulation is submitted course(s) for articulation or Biosci (4) NO COURSE ARTICULATED: College has a submitted course(s) for articulation or (4) MATH 3A Calculus I (4) MATH 3B Calculus II Physics (4) PHYS 3A General Physics General Physics Physics (4) PHYS 3A General Physics

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

END OF MAJOR

- b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- $h\,)$ 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 <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.

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. _____ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ AMR STD 10 Intro American Studies (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ ONE COURSE FROM THE FOLLOWING: AMR STD 1A Science and American (4) NO COMPARABLE COURSE Culture _____ AMR STD 1B Relig in Am Lives (4) NO COMPARABLE COURSE ______ AMR STD 1C American Lives (4) NO COMPARABLE COURSE _____ AMR STD 1E Nat&Cult Amr (4) NO COMPARABLE COURSE _____ AMR STD 5 Tech in Amr Lives (4) | NO COMPARABLE COURSE _____ AMR STD 21 Objects & Everyday Life (4) NO COMPARABLE COURSE AMR STD 25 U.S. as Business (4) NO COURSE ARTICULATED. Correge Culture | submitted course(s) for articulation _____ (4) NO COURSE ARTICULATED: College has not _____ 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 59Music and American(4) NO COURSE ARTICULATED: College has notCulturesubmitted courses for articulation _____ ONE COURSE FROM THE FOLLOWING:

AF-AMST 10Af-Am Culture & Soc(4) | NO COMPARABLE COURSEA A STD 1Hist Exp Asian Am(4) | NO COMPARABLE COURSECHICANO 10Intro to Chic Std(4) | NO COMPARABLE COURSEN A STD 1Intro NA Studies(4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

ANTHRO 2 Cultural Anthropology (5) ANTHR 3 Introduction to Social (3) and Cultural SOCIOL 2 Self and Society (4) NO COURSE ARTICULATED: College has not

d) WOM STD 50	Intro Gender Studies	<pre> submitted course(s)for articulatic (4) WS 1 Introduction to Women's Studies</pre>	
	ONE COURSE FR	M THE FOLLOWING:	
HISTORY 17A	U.S. History	(4) HIST 7A History of the United States (to 1877)	(3)
HISTORY 17B	U.S. History	(4) HIST 7B History of the United States (since 1865)	(3)
	Am Women & Gender Am Women & Gender	(4) NO COMPARABLE COURSE	
	ONE COURSE FR	M THE FOLLOWING:	
		<pre>(4) ENGL 1B Composition and Reading (4) ENGL 85A Literature in English through Milton</pre>	
ENGLISH 10B	Literatures in English II: 1700-1900	-	(4)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4) ENGL 85C Literature in English: Mid-19th Century through the 20th Century	(4)
FILM ST 1	Intro to Film Studies	(4) HUMAN 21 Film: Art and Communication	(3)
Formerly END OF MAJOR	Humanities 10		

d) Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.

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

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

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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.

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	1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)BIOL	1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOL BIOL 		General Biology General Biology	(5) (5)
CHEM 2A Ge	nl Chemistry	(5) CHEM	1A	General Chemistry	(5)

Genl Chemistry (5)|CHEM 1A 隆 General Chemistry CHEM 2B (5) CHEM 2CGenl ChemistryCHEM 1BGeneral ChemistryCHEM 2CGenl Chemistry(5)CHEM 1BGeneral Chemistry (5) (5) _____ CHEM 8AOrganic Chem-Brief(2) NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) NO COMPARABLE COURSE ORORCHEM 118AOrg Chem, Hlth & Sci(4) CHEM 12AOrganic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4) CHEM 12A**&** Organic Chemistry(5) CHEM 12B Organic Chemistry (5) _____ (3) | MATH 16A Calculus for Business (3) MATH 16A Short Calculus and the Life and Social Sciences OR MATH 3A Calculus I (5) (3) MATH 16B Calculus for Business (3) MATH 16B Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) (3) MATH 16B Calculus for Business (3) MATH 16C Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) OR OR MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) MATH 3A Calculus I (4) MATH 3B Calculus II (4) MATH 3C Calculus III MATH 21A Calculus (5) MATH 21B Calculus MATH 21C Calculus (5)(5) _____ h) PHYSICS 7A General Physics (4) PHYS 3A $\underline{\&}$ General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7B General Physics (4) PHYS 3A & General Physics (5) h) PHYSICS 7C General Physics (4) PHYS 3B General Physics PHYS 3B General Physics (4) PHYS 3A & General Physics PHYS 3B General Physics (5) (5) (5)It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ STATIST 13 Elementary Statistics (4) | MATH 13 Introduction to (4) | Statistics Same as: STATIST 13Y _____ AN BIOL 50AAnimal Biol Lab(2) | NO COMPARABLE COURSEAN BIOL 50BAnimal Biology(3) | NO COMPARABLE COURSEAN BIOL 50CAnimal Biology(3) | NO COMPARABLE COURSE _____

END OF MAJOR

h) This articulation is series-for-series only.

====Animal Science and Management B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 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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AN SCI 1 AN SCI 2	E E			ABLE COURSE ABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOL 1A 	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		 BIOL 1A <u>&</u> BIOL 1B 	General Biology General Biology	(5) (5)
CHEM 2A	Genl Chemistry			General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		General Chemistry General Chemistry	(5) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	• •	1	ABLE COURSE	
Спем ов		(4)		Able Course	
PL SCI 21	Computers in Technology OR	(3)	NO COMPAR	ABLE COURSE OR	
B) ENG CS 1	15 Intro to Computers	(4)	İ	Introduction to Computer Information Systems	(4)
				Introduction to Computer Science	(5)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 1	(Macro-Economics) (Macro-Economics)	(3)
MGMT 11A	Elem Accounting	(4)	 BUS 1A <u>&</u> BUS 1B	Financial Accounting Managerial Accounting	(4) (4)
MGMT 11B	Elem Accounting	(4)		Managerial Accounting ABLE COURSE	(4)
 MATH 16A	Short Calculus	(3)	MATH 16A 	Calculus for Business and the Life and Social Sciences	(3)

MATH 16B	Short Calculus	(3)	OR MATH 3A MATH 16B	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
MATH 16C	Short Calculus	(3)	OR MATH 3B MATH 16B	Calculus II Calculus for Business and the Life and Social Sciences	(5) (3)
			<u>OR</u> MATH 3B	Calculus II	(5)
	OR		MAIN 36	OR	(5)
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulatic	not
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulatic	not
	OR			OR	
MATH 21A	Calculus	(4)	МАТН ЗА	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C 	Calculus III	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

	Intro Aquaculture	(4) NO COMPARABLE COURSE
		ANIMALS SPECIALIZATION
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE
	DAIRY SP	PECIALIZATION
		<pre>(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation</pre>
	EQUINE S	PECIALIZATION
		(3) NO COMPARABLE COURSE
		SPECIALIZATION
		(2) NO COMPARABLE COURSE (2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	POULTRY	SPECIALIZATION
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE
	RESTRICTED ELE	CTIVES (12 QUARTER UNITS):
	Business Law	(4) BUS 2 Introduction to Business (3) Law

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

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

Special Advising Note:

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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 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.

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

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

AN SCI 1 Domest Ani & Pe AN SCI 2 Intro Animal Sc AN SCI 41 Domestic Ani I AN SCI 41L Domest An Pro	ci (4) Prod (2)	NO COMPAR NO COMPAR NO COURSE	ABLE COURSE ABLE COURSE	
BIOLSCI 2A Intro Biology Earth	y:Life on (5)	BIOL 1A 	General Biology	(5)
BIOLSCI 2B Intro Biology & Evolution	y: Ecology (5)	BIOL 1B	General Biology	(5)
			General Biology General Biology	(5) (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5)	CHEM 1A <u>&</u> CHEM 1B	General Chemistry General Chemistry General Chemistry	(5)
CHEM 8A Organic Chem-Br: CHEM 8B Organic Chem-Br: OR	ief (2)	NO COMPAR	ABLE COURSE	
CHEM 118A Org Chem, Hltl CHEM 118B Org Chem, Hltl	n & Sci (4)	CHEM 12A		(5) (5)
	n & Sci (4)	CHEM 12R	Organic Chemistry	(5)
MATH 16A Short Calculus		CHEM 12B MATH 16A 		
	(3)	CHEM 12B	Calculus for Business and the Life and Social Sciences Calculus I	
MATH 16A Short Calculus	(3)	CHEM 12B MATH 16A <u>OR</u> MATH 3A	Calculus for Business and the Life and Social Sciences Calculus I Calculus for Business and the Life and	(3)
MATH 16A Short Calculus MATH 16B Short Calculus	(3)	CHEM 12B	Calculus for Business and the Life and Social Sciences Calculus I Calculus for Business and the Life and Social Sciences Calculus II	(3) (5) (3) (5) not

			submi	ltted	course(s)	for	articulation
	OR				OI	R	
MATH 21A	Calculus	(4)	MATH	3A	Calculus	I	(5)
MATH 21B	Calculus	(4)	MATH	3B	Calculus	II	(5)

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

AN COT 19	Intro Aguagulturo	(4) NO COMPARABLE COURSE
		(4) NO COMPARABLE COORSE
	AVIAN S	SCIENCES
	Birds,Humans & Env	(3) NO COMPARABLE COURSE
	COMPANION ANI	CAPTIVE ANIMALS
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE
	EQUINE	SCIENCE
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE
	LABORATO	DRY ANIMALS
		(4) NO COMPARABLE COURSE
	POUI	JTRY
NU COT 11	Intro Deviltore Cat	

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

Transfer Admission Guarantee (TAG) Note:

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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	EVOLUT	IONARY EMP	HASIS:		
ANTHRO 1	Human Evol Biol	(4) ANT	'HR 1	Introduction to Physical Anthropology	(3)
anthro 2	Cultural Anthropology	(5) ANT 	'HR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4) ANT 	'HR 2	Introduction to Archaeology and Prehistory	(3)

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)		RTICULATED: C ourse(s) for	-	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABI			
STATIST 13	Elementary Statistics	(4)	MATH 13 1	Introduction	to	(4)
Same as:	STATIST 13Y			Statistics		
STATIST 32	Gateway to Data Science	(4)	NO COMPARABI	LE COURSE		
	SOCIOC	ULTUR.	AL EMPHASIS:			
ANTHRO 2	Cultural Anthropology	(5)	i i	Introduction and Cultural Anthropology	to Social	(3)

ANTHRO 1	Human Evol Biol	(4) ANTHR 1 	Introduction to Physical Anthropology	(3)
ANTHRO 3	Intr to Archaeology	(4) ANTHR 2	Introduction to Archaeology and Prehistory	(3)
ANTHRO 4	Anthro Linguistics	(4) ANTHR 18 	Introduction to Anthropological Linguistics	(3)

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

anthro 20	Comparative Cultures	(4)	NO COMPARA	ABLE COURSE	
ANTHRO 30	Sexualities	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulation	L
ANTHRO 32	Drugs, Science and	(4)	1	ARTICULATED: College has	
	Culture		submitted	course(s) for articulatio	n
Same as	SCI&TEC 32				
ANTHRO 34	Cultures of Consumerism	(4)	1	ARTICULATED: College has	
			submitted	course(s) for articulatio	n

END OF MAJOR

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

Special Advising Note:

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ANTHRO 1	Human Evol Biol	(4)	 ANTHR 1	Introduction to	(3)
ANTHRO 2	Cultural Anthropology	(5)	 ANTHR 3 	Physical Anthropology Introduction to Social and Cultural	(3)
anthro 3	Intr to Archaeology	(4)	 ANTHR 2 	Anthropology Introduction to Archaeology and Prehistory	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life				(5) (5)
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry		CHEM 1A <u>&</u>	General Chemistry General Chemistry General Chemistry	(5) (5) (5)
CHEM 8A CHEM 8B	5		NO COMPARA NO COMPARA 		
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)		Organic Chemistry	(5) (5) (5)
MATH 16A	Short Calculus	(3)	MATH 16A OR	Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)	MATH 3A MATH 16B	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
МАТН 16С	Short Calculus	(3)	<u>OR</u> MATH 3B MATH 16B OR	Calculus II Calculus for Business and the Life and Social Sciences	(5) (3)
			MATH 3B	Calculus II	(5)
MATH 17A	OR Calculus for BioSci	(4)	NO COURSE	OR ARTICULATED: College has	not
		(-)		course(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has	
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE 2	course(s) for articulati ARTICULATED: College has course(s) for articulati OR	not
MATH 21A	Calculus	(4)	 MATH 3A	Calculus I	(5)
MATH 21B	Calculus		MATH 3B	Calculus II	(5)

MATH 21C Calculus

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical	(4)	NO COURSE ARTICULATED: College has not
	Anthropology		submitted course(s) for articulation
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 13 Introduction to (4)
Same as:	STATIST 13Y		Statistics
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

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 (5)

available from our TAG website. _____ MATH 21ACalculus(4) |MATH 3ACalculus I(5)MATH 21BCalculus(4) |MATH 3BCalculus II(5)MATH 21CCalculus(4) |MATH 3CCalculus III(5)MATH 21DVector Analysis(4) |MATH 3CCalculus III(5)MATH 22BDifferntl Equations(3) |MATH 3FDifferential Equations(3)MATH 22ALLin Alg Comp Lab(1) |NO COURSE ARTICULATED: College has not submitted course(s) for articulation or equivalent basic knowledge of MATLAB. BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 3E Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). _____ ENG CS 32A Intro to Programming(4) NO COURSE ARTICULATED: College has not Formerly ENG CS 10 |submitted course(s)for articulation Formerly ENG CS 10|submitted course(s)fdENGIN 6Engr Prob Solving(4) |NO COMPARABLE COURSE Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. _____ STUDENTS WILL NEED TO CHOOSE ONE OF THE FOLLOWING TWO-COURSE SEQUENCES: BIOLSCI 2A Intro Biology:Life on (5) BIOL 1A General Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1B General Biology (5) & Evolution OR OR (5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1B General Chemistry (5) OR OR ECON 1A Princ of Microecon (4) ECON 2 Principles of Economics (3) (Micro-Economics) ECON 1B Princ of Macroecon (4) ECON 1 Principles of Economics (3) (Macro-Economics) OR OR q) PHYSICS 9A Classical Physics (5) PHYS 4A & General Physics with (5) Calculus PHYS 4B & General Physics with (5) Calculus PHYS 4C General Physics with (5) Calculus q) PHYSICS 9B Classical Physics (5) PHYS 4A & General Physics with (5) Calculus PHYS 4B 🛓 General Physics with (5) Calculus PHYS 4C General Physics with (5) Calculus OR OR STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE STATIST 100 Applied Stats for Bio (4) This course must be taken at UC Davis

OR

OTHER APPROVED APPLIED PREPARATORY COURSES

END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====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 <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.

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:

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

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

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

q) PHYSICS	9A Classical Physics	(5)	PHYS	5 4A	&	General Physics with	(5)
			Ì		_	Calculus	
			PHYS	5 4B	&	General Physics with	(5)
			i		-	Calculus	. ,
			PHYS	5 4C		General Physics with	(5)
			ĺ			Calculus	
q) PHYSICS	9B Classical Physics	(5)	PHYS	5 4A	&	General Physics with	(5)
			İ		-	Calculus	
			PHYS	5 4B	&	General Physics with	(5)
			İ		-	Calculus	
			PHYS	5 4C		General Physics with	(5)
			ĺ			Calculus	
q) PHYSICS	9C Classical Physics	(5)	PHYS	5 4A	<u>&</u>	General Physics with	(5)
						Calculus	
			PHYS	5 4B	<u>&</u>	General Physics with	(5)
						Calculus	
			PHYS	5 4C		General Physics with	(5)
						Calculus	
PHYSICS 9D	1	(4)	NO C	COMP	ARA	BLE COURSE	
	OR		!			OR	
PHYSICS 9HA	Honors Physics	(5)	NO C	COMP	ARA	BLE COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO C	COMP.	ARA	BLE COURSE	
PHYSICS 9HC	Honors Physics Honors Physics Honors Physics					BLE COURSE	
PHYSICS 9HD	Honors Physics		1			BLE COURSE	
	Honors Physics	(5)	NO C			BLE COURSE	
		(4)	 matti				(5)
							(5)
MATH 21C	Calculus	(4)	MATH	4 3C		Calculus III	(5)
MATH 21D	Calculus Vector Analysis Linear Algebra	(4)	MATH	4 3C		Calculus III Calculus III Linear Algebra	(5)
MATH 22A	Linear Algebra	(3)	MATH	I 3E		Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	I 3F		Differential Equations	(3)
	ATMOSPHERIC PH						
PHYSICS 40	Intr Physics Computation	(4)	NO C	COUR	SE	ARTICULATED	
	CHEMICAL PH	YSIC	S CON	ICEN	TRA	TION	-
CHEM 2A	Genl Chemistry						(5)

CHEM 2B	Genl Chemistry	7				General Chemistry	(5)
				CHEN	1 1B	General Chemistry	(5)
CHEM 2C	Genl Chemistry	7	(5)	CHEN	1 1B	General Chemistry	(5)
PHYSICS 40	Intr Physics	Computation	(4)	NO C	COURSE	ARTICULATED	
		COMPUTATIONAL	PHY	SICS	CONCE	INTRATION	
ENG CS 36A	Programming		(4)	CIS	6	Introduction to Computer	(5)
Formerly	Y ENG CS 30			ĺ		Programming	
ENG CS 36B	Object-Orient	ed Program	(4)	CIS	25	Object Orientated	(4)
Formerly	y ENG CS 40					Programming Using C++	
					<u>DR</u>		
				CIS	36A	Java Programming	(4)
						Language I	
					<u>DR</u>		
				CIS	36B	5 5	(4)
						Language II	
DHVSTCS 40	Intr Physics	GEOPHYSIC					
			(4) 				
		MATERIALS S					
PHYSICS 40	Intr Physics	Computation				ARTICULATED	
		PHYSICAL ELE	CTRO	NICS	CONCE		
	Circuits I						
	Intr Physics						
PHYSICS 80	Experimental	Techniques	(4)	NO C	COURSE	ARTICULATED	
	<u>P</u> I	IYSICAL OCEAN	OGRA	рну (ONCEN	 ITRATION	
PHYSICS 40	Intr Physics	Computation	(4)	NO C	OURSE	ARTICULATED	

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

	FOUR COURSES F	ROM	THE FOLLOWING:
ARTHI 1A	Ancient Mediterranean Art	: (4)	NO COMPARABLE COURSE
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARTHI 25	Understanding	(4)	NO COMPARABLE COURSE
	Architecture		

ONE ART STUDIO COURSE FROM:

ART 2	Beginning Drawing	(4)	ART 20 Beginning Drawing and (3) Composition
ART 5	Beginning Sculpture	(4)	NO COMPARABLE COURSE
ART 7	Beginning Painting	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
art 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 24	Intro Experimental Video	(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 <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

FOUR COURSES FROM THE FOLLOWING:

ART 2	Beginning Drawing	(4)	ART 20	Beginning Drawing and (3)
				Composition
ART 5	Beginning Sculpture	(4)	NO COMPARA	ABLE COURSE
ART 7	Beginning Painting	(4)		ARTICULATED: College has not
			submitted	course(s)for articulation
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
art 9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	TWO LECTURE COURSES CHO	SEN	FROM THE FOLLOWING:
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not
	and Film		submitted course(s) for articulation
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE
ARTHI 1A	Ancient Mediterranean Art	(4)	NO COMPARABLE COURSE
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art	(4)	NO COMPARABLE COURSE
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
ARTHI 5	Visual Culture	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARTHI 25	Understanding	(4)	NO COMPARABLE COURSE
	Architecture		
END OF MA	JOR		

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

	STD STD		Hist Exp Asian Am Contemp Issues of Asian Americans	(4)	NO COU	JRSE	BLE COURSE ARTICULATED: course(s)for		
A A	A STD	3	Social & Psychological Perspectives of Asian Americans				ARTICULATED: course(s) for		
A 7	STD	4	Asian Amer Cultural Studies				ARTICULATED: course(s) for		

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10	Af-Am Culture & Soc		NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	• •	NO COMPARABLE COURSE
AF-AMST 15	Intro Afro Amer Hum		NO COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	• •	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa		NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
		(1)	submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	• •	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	• •	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig		NO COMPARABLE COURSE
AF-AMST 80	Black Politics	• •	NO COMPARABLE COURSE
AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1B	Relig in Am Lives	(4)	NO COMPARABLE COURSE
AMR STD 1C	American Lives	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
AMR STD 10	Intro American Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COMPARABLE COURSE
AMR STD 25	U.S. as Business		NO COURSE ARTICULATED: College has not
	Culture		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		submitted courses for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 30	US Poli & Chicanos	(4)	NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
CHICANO 60	Chicana and Chicano	(4)	NO COMPARABLE COURSE
	Representn in Cinema		
CHICANO 65	New Latin American	(4)	NO COURSE ARTICULATED: College has not
	Cinema		submitted course(s) for articulation
CHICANO 70	Survey Chic Art	(4)	NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4)	NO COMPARABLE COURSE
n a std 1	Intro NA Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
n a std 5	Intro NA Literature	(4)	HIST 33 History of Native (3)
			American Thought and
			Literature

N A STD 7 Indig & Minority Langs (4) | NO COURSE ARTICULATED: College has not N A STD 10 NA Experience (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation N A STD 12 Native Amer/Indigenous (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Film N A STD 32 NA Music & Dance (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation N A STD 33 Intro NA Art (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation N A STD 34 NA Art Workshop (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation WOM STD 20 Cult Repr of Gndr (4) NO COMPARABLE COURSE WOM STD 25 Gender & Global Cinema (4) WS 52 Women and Cinema (4) Same as: d) WOM STD 50 Intro Gender Studies (4) |WS| 1 Introduction to Women's (3) Studies WOM STD 60Feminist Critiques(4) NO COMPARABLE COURSEWOM STD 70Sexual:Thry&Hist(4) NO COMPARABLE COURSE AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES: ANTHRO 13Sci Method in Physical
Anthropology(4) NO COURSE ARTICULATED: College has not
submitted course(s) for articulationARTHI 5Visual Culture(4) NO COURSE ARTICULATED: College has not
(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ART 10 Fine Art Appreciation(4) ART 1Introduction to Art(3) History ART 30 Contemp Vis Culture (4) NO COMPARABLE COURSE CHICANO 23 Qualitative Research Methods (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ENGLISH 42 Approaches to Reading (4) NO COMPARABLE COURSE PHILOS 5 Critical Reasoning (4) PHIL 10 Logic (3) POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not politics submitted course(s) for articulation politics submitted course(s) for articulation N A STD 46 Orientation to Research (4) | NO COURSE ARTICULATED: College has not POLITICS Submittee Course(s) for arcteureton PSYCH 41 Research Methods (4) PSYCH 28 Introduction to (3) Research Methods in Psychology SOCIOL 46A Intro Social Rsch (4) SOC 120 Introduction to (3) Research Methods SOCIOL 46BIntro Social Rsch(5)NO COMPARABLE COURSESTATIST 13Elementary Statistics(4)MATH 13Introduction to (4) Same as: STATIST 13Y Statistics _____ ------

END OF MAJOR

d) Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.

====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE					
CHEM 2A CHEM 2B	Genl Chemistry Genl Chemistry	(5) CHEM 1A General Chemistry (5) CHEM 1A <u>&</u> General Chemistry CHEM 1B General Chemistry	(5) (5) (5)				
	A Programming Y ENG CS 30	(4) CIS 6 Introduction to Computer Programming	(5)				

or a course selected with advisor's approval

MATH 22A	Calculus Calculus Calculus Vector Analysis Linear Algebra Differntl Equations	(4) (4) (4) (3)	MATH	3B 3C 3C 3E	Calculus II	
ATM SCI 60	Intro to Atmospheric Science	(4)	(4) NO COMPARABLE COURSE 			
q) PHYSICS	9A Classical Physics	(5)	 PHYS 	48 <u>&</u>	Calculus General Physics with Calculus	(5)
q) PHYSICS	9B Classical Physics	(5)	 PHYS 	4a <u>&</u>	Calculus	(5) (5)
			 PHYS 	4C	Calculus	(5) (5)
q) PHYSICS	9C Classical Physics	(5)	 PHYS 	48 <u>&</u>	Calculus General Physics with Calculus	(5) (5)
			PHYS 	4C	General Physics with Calculus	(5)
	Elementary Statistics STATIST 13Y	(4)	MATH 	13		(4)

PREPARATION FOR GRADUATION:

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

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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 <u>transfer admission website</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

Biological Sciences 2A/B/C

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

BIOLSCI 2A Int: Ear	ro Biology:Life on th	(5)	BIOL	1A	General	Biology	(5)
	ro Biology: Ecology volution	(5)	BIOL	1B	General	Biology	(5)
BIOLSCI 2C Int:	ro Biology:	(5)	BIOL	1A &	General	Biology	(5)
	diversity & the Tree Life		BIOL	18 	General	Biology	(5)
	hemistry hemistry		CHEM CHEM CHEM	1A <u>&</u>	General	Chemistry Chemistry Chemistry	(5) (5) (5)

CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General Chemistry	(5)
	OR				OR	
CHEM 2AH	Honors Genl Chemistr	y (5)	NO CC	MPAR	ABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	y (5)	NO CC	MPAR	ABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	y (5)	NO CC	MPARA	ABLE COURSE	
 МАТН 17А	Calculus for BioSci	(4)	!		ARTICULATED: Colleg	
			submi	ltted	course(s) for artic	ulation
MATH 17B	Calculus for Biosci	(4)	NO CC	DURSE	ARTICULATED: Colleg	ge has not
			submi	ltted	course(s) for artic	ulation
MATH 17C	Calculus for BioSci	(4)	NO CC	DURSE	ARTICULATED: Colleg	ge has not
			submi	ltted	course(s) for artic	ulation
	OR		İ		OR	
MATH 21A	Calculus	(4)	MATH	3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	3B	Calculus II	(5)
h) PHYSICS	7A General Physics	(4)	PHYS	3A &	General Physics	(5)
			PHYS			
h) PHYSICS	7B General Physics	(4)	PHYS	3A &	General Physics	
	-				General Physics	
h) PHYSICS	7C General Physics	(4)	!		General Physics	
,		()		_	General Physics	
		. .				(=)

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.

F==7 8 = 0.8 .						
	OR				OR	
q) PHYSICS 92	A Classical Physics	(5)	PHYS	4A を	General Physics with	(5)
					Calculus	
			PHYS	4B &	General Physics with	(5)
				_	Calculus	
			PHYS	4C	General Physics with	(5)
			İ		Calculus	
q) PHYSICS 91	B Classical Physics	(5)	PHYS	4A &	General Physics with	(5)
				_	Calculus	
			PHYS	4B を	General Physics with	(5)
					Calculus	
			PHYS	4C	General Physics with	(5)
					Calculus	
q) PHYSICS 90	C Classical Physics	(5)	PHYS	4A <u>&</u>	General Physics with	(5)
					Calculus	
			PHYS	4B <u>&</u>	General Physics with	(5)
					Calculus	
			PHYS	4C	General Physics with	(5)
					Calculus	
				103		·
CHEM 118A	Org Chem, Hlth & Sci		CHEM		Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	:	12A &		(5)
GUENA 110G		(4)	-	12B		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B	3 1	(5)
autor 1000	OR	(2)		1.0.7	OR	(=)
CHEM 128A	Organic Chemistry	. ,	1	12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		12A &		(5)
GUEN 100G	Ownersia Chamistan	(2)	CHEM		Organic Chemistry	(5)
CHEM 128C	Organic Chemistry		CHEM		Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	· · /	CHEM		Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(∠)	1	12A &		(5)
			CHEM	TSR	Organic Chemistry	(5)

RECOMMENDED:

MATH 21C Calculus

(4) | MATH 3C Calculus III

END OF MAJOR

- $h\,)$ This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 	1A	General	Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	1B	General	Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	1A &	General	Biology	(5)
	Biodiversity & the Tree of Life		BIOL 	1B	General	Biology	(5)
CHEM 2A Ge	nl Chemistry	(5)	CHEM	1A	General	Chemistry	(5)
	nl Chemistry	. ,	!			Chemistry	(5)
			CHEM	1B _	General	Chemistry	(5)

_____ (2) NO COMPARABLE COURSE CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief (4) NO COMPARABLE COURSE OR OR CHEM 118AOrg Chem, Hlth & Sci(4) CHEM 12AOrganic ChemistryCHEM 118BOrg Chem, Hlth & Sci(4) CHEM 12ACHEM 12ACHEM 118BOrg Chem, Hlth & Sci(4) CHEM 12ACHEM 12A (5) (5) CHEM 12B Organic Chemistry CHEM 118C Org Chem, Hlth & Sci (4) CHEM 12B Organic Chemistry (5) (5) -----------MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus (4) MATH 3A Calculus I (5) MATH 21B Calculus (4) MATH 3B Calculus II (5) _____ PHYSICS 1APrinciples Physics(3) NO COMPARABLE COURSEPHYSICS 1BPrinciples Physics(3) NO COMPARABLE COURSE OR OR h) PHYSICS 7A General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7B General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7C General Physics (4) PHYS 3A **&** General Physics PHYS 3B General Physics (5) (5)

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

RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulat:	
MATH 21C	OR Calculus	(4)	ĺ	OR Calculus III	(5)

END OF MAJOR

h) This articulation is series-for-series only.

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	 BIOL 1B General Biology (5)
BIOLSCI 2C	Intro Biology:	(5)	 BIOL 1A & General Biology (5)
	Biodiversity & the Tree of Life			5)
 CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (5)
			1 2 1	5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	1	5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A & Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B Organic Chemistry (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has n	
			submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has n	
	Calculus for BioSci	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has n	
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation	
	OR		OR	
MATH 21A	Calculus	(4)	MATH 3A Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3ACalculus I(MATH 3BCalculus II(5)
h) PHYSICS	7A General Physics	(4)	PHYS 3A & General Physics (5)
				5)
h) PHYSICS	7B General Physics	(4)		5)
1.)		(.		5)
h) PHYSICS	7C General Physics	(4)		5)
The day bear	waaammandad that staden			5)
			mplete an entire physics series at t to the entire UC Davis Physics 7A/B	, Ir
			t to the entire of Davis Physics /A/B transfer without completing an entire	
			physica courses upon arrival at UC	

series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus (4) | MATH 3C Calculus III (5) END OF MAJOR

h) This articulation is series-for-series only.

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

Special Advising Note:

ARTICULATION FOR THIS MAJOR IS UNDER REVIEW. You may view the previous

year's agreement, but be advised that articulation is subject to change from year to year.

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION: (for 2019-20)

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

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

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

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

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

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

We <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL 1B General Biology (5)
BIOLSCI 2C	& Evolution Intro Biology:	(5)	 BIOL 1A & General Biology (5)
BIOLISCI ZC	Biodiversity & the Tree			5)
	of Life			5)
BIOTECH 1Y	Introduction to	(1)	NO COURSE ARTICULATED: College has n	
	Biotechnology	(4)	submitted course(s) for articulation	
	Genl Chemistry			5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry (
GUEN DO	Conl Chemister	(CHEM 1BGeneral Chemistry(CHEM 1BGeneral Chemistry(-
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci			5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		5) 5)
CHEM 118C	Org Chem, Hlth & Sci	(4)		5)
011211 2200	OR	(-)	OR	0,
CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry	(3)		5)
				5)
CHEM 128C	Organic Chemistry			5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry (5)
MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (and the Life and	3)
			Social Sciences	
			OR	
			MATH 3A Calculus I (5)
MATH 16B	Short Calculus	(3)	1	3)
			and the Life and	
			Social Sciences	
				5)
	OR			0,
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has n	
			submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has n	
	OR		submitted course(s) for articulation	L
MATH 21A		(4)		5)
MATH 21B				5)
h) PHYSICS	7A General Physics	(4)	PHYS 3A & General Physics (-
b) DUVETCE	7P Conoral Dhuging	(1)	PHYS 3B General Physics (PHYS 3A & General Physics (
11) LUIDICO	, b General Physics	(4)		5) 5)
It is highl	y recommended that students	s co	mplete an entire physics series at	5,
their commu	nity college that is equiva	alen	t to the entire UC Davis Physics 7A/B	
			transfer without completing an entire	2
			physics courses upon arrival at UC	
Davis, and physics.	will need to meet with a U	с ра	vis advisor before continuing with	
		 ⊺∩т№	FORMATICS OPTION:	
ENG CS 20			NO COMPARABLE COURSE	
			CIS 6 Introduction to Computer (5)

Programming Formerly ENG CS 30 -----_____ RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION: ENG CS 36B Object-Oriented Program (4) CIS 25 Object Orientated (4) Formerly ENG CS 40 Programming Using C++ OR CIS 36A Java Programming (4) Language I OR CIS 36B Java Programming (4) Language II ENG CS 36C Data Structures (4) CIS 27 Data Structure and (4) Algorithms Machine Dependent Prog (4) CIS 20 Microcomputer Assembly (4) ENG CS 50 Language END OF MAJOR

h) 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 <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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	1A	General	Biology	(5)
BIOLSCI 2B		(5)	BIOL	1B	General	Biology	(5)
BIOLSCI 2C			1			Biology Biology	(5) (5)
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General	Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)				Chemistry	(5)
						Chemistry	
CHEM 2C	Genl Chemistry	(5)	CHEM	1B	General	Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO CO) MPAR	ABLE COURS	 SE	
CHEM 8B	Organic Chem-Brief		1		ABLE COURS		
	OR		İ		(OR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	12A	Organio	c Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	12A <mark>8</mark>	🛓 Organio	c Chemistry	(5)
			CHEM	12B	Organio	c Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B	Organio	C Chemistry	(5)
MATH 17A	Calculus for BioSci	(4)	NO CO	OURSE	ARTICULA	FED: College 1	nas not

MATH 17B	Calculus for	Biosci	(4)	NO CO	DURSE	course(s) ARTICULAI course(s)	ED: Colle	ege has not
MATH 17C	Calculus for	BioSci	(4)	NO CO	DURSE		ED: Colle	ege has not
	OR			50000	LLLEU	. ,	IOI AIC. DR	
MATH 21A	Calculus		(4)	MATH	3A	Calculus	s I	(5)
MATH 21B	Calculus		(4)	MATH	3B	Calculus	S II	(5)
h) PHYSICS	7A General	Physics	(4)	 PHYS PHYS	_	General General	-	(5) (5)
h) PHYSICS	7B General	Physics	(4)	PHYS	-		-	(5)
				PHYS	3B	General	Physics	(5)
h) PHYSICS	7C General	Physics	(4)	PHYS	3A <u>&</u>	General	Physics	(5)
				PHYS	3B	General	Physics	(5)

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

		RECOMMENDED:				
MATH 21C	Calculus	(4) MATH (3C	Calculus	III	(5)

END OF MAJOR

h) This articulation is series-for-series only.

====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 <u>transfer admission website</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry	(5)
			CHEM 1B General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
	OR		OR	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
CHEM 2CH	Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
			'	
q) PHYSICS	9A Classical Physics	(5)	PHYS 4A & General Physics with	(5)
-			Calculus	
			PHYS 4B & General Physics with	(5)
			Calculus	. ,
			PHYS 4C General Physics with	(5)
			Calculus	(-)
q) PHYSICS	9B Classical Physics	(5)	PHYS 4A & General Physics with	(5)
1, 110100		(2)	Calculus	(-)
			PHYS 4B & General Physics with	(5)

						Calculus	
			PHYS	4C		General Physics with	(5)
						Calculus	
q) PHYSICS	9C Classical Physics	(5)	PHYS	4A	&	General Physics with	(5)
					_	Calculus	
			PHYS	4B	&	General Physics with	(5)
			Ì		_	Calculus	
			PHYS	4C		General Physics with	(5)
			ĺ			Calculus	
PHYSICS 9D	Modern Physics	(4)	NO CO	OMPA	RAI	BLE COURSE	
MATH 21A	•••=••	• •	MATH				(5)
MATH 21B	Calculus		1			Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	3C		Calculus III	(5)
MATH 21D	Vector Analysis		1			Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	3E		Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO CO	DURS	ΕA	ARTICULATED: College has	not
			subm:	itte	d d	course(s)for articulatio	n
MATH 22B	Differntl Equations	(3)	MATH	3F		Differential Equations	(3)
CHEM 128A	Organic Chemistry	(3)	 СНЕМ	 12A		Organic Chemistry	(5)
CHEM 128B	Organic Chemistry		CHEM				
			CHEM	12B	-	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	12A		Organic Chemistry	(5)

END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A $\underline{\&}$ General Chemistry (5)
	CHEM 1B General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2CH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
h) PHYSICS 7A General Physics	(4) PHYS 3A $\underline{\&}$ General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	(4) PHYS 3A $\underline{\mathbf{\&}}$ General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A $\underline{\&}$ General Physics (5)
	PHYS 3B General Physics (5)

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
q) PHYSICS 9A	Classical Physics	(5)	PHYS 	4A <u>&</u>	General Physics with (5) Calculus
			PHYS	4B <u>&</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical Physics	(5)	PHYS	4a <u>&</u>	General Physics with (5) Calculus
			PHYS	4B <u>&</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9C	Classical Physics	(5)	PHYS	4a <u>&</u>	General Physics with (5) Calculus
			PHYS	4B <u>&</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus

MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (3) and the Life and Social Sciences
MATH 16B	Short Calculus	(2)	MATH 3ACalculus I(5) MATH 16BCalculus for Business(3)
MATH 16B	Short Carculus	(3)	and the Life and Social Sciences
			OR
			MATH 3B Calculus II (5)
MATH 16C	Short Calculus	(3)	MATH 16B Calculus for Business (3)
			and the Life and
			Social Sciences
			OR
			MATH 3B Calculus II (5)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR	(4)	OR (5)
MATH 21A	Calculus		MATH 3A Calculus I (5)
MATH 21B	Calculus	(4)	MATH 3B Calculus II (5)
MATH 21C	Calculus	(4)	MATH 3C Calculus III (5)
 СНЕМ 128Д	Organic Chemistry	(3)	CHEM 12A Organic Chemistry (5)
	Organic Chemistry		CHEM 12A & Organic Chemistry (5)
	organic enemittery	(3)	CHEM 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry	(3)	
CHEM 129A			CHEM 12A Organic Chemistry (5)
CHEM 129B	Organic Chem Lab		CHEM 12A & Organic Chemistry (5)
		(=)	CHEM 12B Organic Chemistry (5)

END OF MAJOR

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====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 <u>highly recommended</u> 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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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	Genl Chemistry Genl Chemistry		CHEM 1A General Chemistry CHEM 1A & General Chemistry	(5) (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 1B General Chemistry CHEM 1B General Chemistry OR	(5) (5)
CHEM 2BH	Honors Genl Chemistry Honors Genl Chemistry Honors Genl Chemistry	(5)	NO COMPARABLE COURSE	
q) PHYSICS	9A Classical Physics	(5)	PHYS 4A <u>&</u> General Physics with Calculus	(5)
			PHYS 4B & General Physics with Calculus	(5)
			PHYS 4CGeneral Physics withCalculus	(5)
q) PHYSICS	9B Classical Physics	(5)	PHYS 4A <u>&</u> General Physics with Calculus	(5)
			PHYS 4B <u>&</u> General Physics with Calculus	(5)
			PHYS 4C General Physics with Calculus	(5)
q) PHYSICS	9C Classical Physics	(5)	PHYS 4A <u>&</u> General Physics with Calculus	(5)
			PHYS 4B <u>&</u> General Physics with Calculus	(5)
			PHYS 4C General Physics with Calculus	(5)
MATH 21A MATH 21B	Calculus Calculus	(4)	MATH 3A Calculus I	(5)
MATH 21B MATH 21C	Calculus	(4)	MATH 36 Calculus II	(5) (5)
MATH 210 MATH 21D	Vector Analysis	(4)	MATH 3ACalculus IMATH 3BCalculus IIMATH 3CCalculus IIIMATH 3CCalculus IIIMATH 3ELinear Algebra	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E Linear Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has	
	Difformell Demotions	(2)	submitted course(s) for articulatio	
MATH 22B	DILLERNEL Equations	(3)	MATH 3F Differential Equations	(3)

CHEM 128A	Organic Chemistry	(3) CHEM 12A	Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3) CHEM 12A <u>&</u>	Organic Chemistry	(5)
		CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3) CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab	(2) CHEM 12A	Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2) CHEM 12A <u>&</u>	Organic Chemistry	(5)
		CHEM 12B	Organic Chemistry	(5)
CHEM 129C	Organic Chem Lab	(2) CHEM 12B	Organic Chemistry	(5)

RECOMMENDED COURSES:

PHYSICS 9D	Modern Phy	rsics (4) NO	COMPARABLE	COURSE
END OF MAJ	OR			

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====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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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CHEM 2A Genl Ch	nemistry	(5)	CHEM	1A		General	Chemistry	(5)
CHEM 2B Genl Ch	nemistry	(5)	CHEM	1A	&	General	Chemistry	(5)
			CHEM	1B	_	General	Chemistry	(5)
CHEM 2C Genl Ch	nemistry	(5)	CHEM	1B		General	Chemistry	(5)
	OR	İ				c	DR -	
CHEM 2AH Honors	s Genl Chemistry	(5)	NO CO	MPA	ARAE	BLE COURS	SE	
CHEM 2BH Honors	s Genl Chemistry	(5)	NO CO	MPA	ARAE	BLE COURS	SE	
CHEM 2CH Honors	s Genl Chemistry	(5)	NO CO	MPA	ARAE	BLE COURS	SE	
h) PHYSICS 7A (General Physics	(4)	PHYS	3A	&	General	Physics	(5)
			PHYS	3B	_	General	Physics	(5)
h) PHYSICS 7B (General Physics	(4)	PHYS	3A	&	General	Physics	(5)
			PHYS	3B	_	General	Physics	(5)
h) PHYSICS 7C (General Physics	(4)	PHYS	3A	&	General	Physics	(5)
		İ	PHYS	3B	_	General	Physics	(5)
			_					

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.

phybreb.		OR			I		OR
q) PHYSICS	9A	Classical	Physics	(5)	 PHYS 	4A <u></u>	-
					PHYS 	4B <u></u>	
					PHYS	4C	General Physics with (5) Calculus
q) PHYSICS	9B	Classical	Physics	(5)	PHYS 	4A <u>8</u>	General Physics with (5) Calculus
					PHYS	4B <u></u>	General Physics with (5) Calculus
					PHYS 	4C	General Physics with (5) Calculus
q) PHYSICS	9C	Classical	Physics	(5)	PHYS	4A <u></u>	General Physics with (5) Calculus
					PHYS	4B <u></u>	General Physics with (5) Calculus
					PHYS 	4C	General Physics with (5) Calculus
 МАТН 16А	Shor	t Calculus		(3)	 MATH 01		Calculus for Business (3) and the Life and Social Sciences
					MATH	-	Calculus I (5)
MATH 16B	Shor	t Calculus		(3)	MATH 01		Calculus for Business (3) and the Life and Social Sciences
					01 MATH	-	Calculus II (5)
МАТН 16С	Shor	t Calculus		(3)	MATH 	16B	
					<u>О</u> МАТН	-	Calculus II (5)
		OR				Э	OR (5)
MATH 17A	Calc	ulus for B	ioSci	(4)	NO CO	DURSI	E ARTICULATED: College has not

МАТН 17В МАТН 17С	Calculus for Biosci Calculus for BioSci	. ,	NO COUR submitt NO COUR	RSE A ced c RSE A	ARTICULATE course(s) ARTICULATE course(s)	for articula D: College D for articula D: College D for articula	nas not ation nas not
MARTI 01 A	OR	(4)			OR		
MATH 21A	Calculus				Calculus		(5)
	Calculus		1		Calculus Calculus		(5)
MATH 21C	Calculus	(4)	MATH 3C	;	Calculus		(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	Ą	General B	Biology	(5)
STATIST 13	Elementary Statistics	(4)	MATH 13	3	Introduct	ion to	(4)
Same as:	STATIST 13Y				Statistic		
	OR				OR	-	
STATIST 32	Gateway to Data Science	(4)	NO COMP	PARAB	BLE COURSE	1	
CHEM 118A	Org Chem, Hlth & Sci	(4)	 CHEM 12	2A	Organic	Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 12		-	Chemistry	
			CHEM 12		-	Chemistry	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12	2B	-	Chemistry	
	OR		İ		OR	2	
CHEM 128A	Organic Chemistry	(3)	CHEM 12	2A	Organic	Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 12	2a <u>&</u>	Organic	Chemistry	(5)
			CHEM 12	2B	Organic	Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12	2B	Organic	Chemistry	(5)
CHEM 129A	Organic Chem Lab	. ,	CHEM 12		-	Chemistry	
CHEM 129B	Organic Chem Lab	(2)	CHEM 12	2a <u>&</u>	-	Chemistry	(5)
			CHEM 12	2B	Organic	Chemistry	(5)

END OF MAJOR

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

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CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
	CHEM 1B General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2CH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
h) PHYSICS 7A General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)

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.

L 1	OR				OR
q) PHYSICS 9A	Classical Physics	(5)	PHYS	4A <u>&</u>	General Physics with (5) Calculus
			PHYS	4B <u>&</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical Physics	(5)	PHYS 	4a <u>&</u>	General Physics with (5) Calculus
			PHYS 	4B <u>&</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus
q) PHYSICS 9C	Classical Physics	(5)	PHYS 	4a <u>&</u>	General Physics with (5) Calculus
			PHYS 	4B <u>&</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus

MATH 16A	Short Calculus	(3)	MATH 16A 	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3A	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 16B	Calculus for Business	(3)
				and the Life and	
				Social Sciences	
			OR		
			MATH 3B	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 16B	Calculus for Business	(3)
				and the Life and	
				Social Sciences	
			OR		
			MATH 3B	Calculus II	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE A	RTICULATED: College has	not
				ourse(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	NO COURSE A	RTICULATED: College has	not
				ourse(s) for articulati	
MATH 17C	Calculus for BioSci	(4)		RTICULATED: College has	
		. ,		ourse(s) for articulati	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)
MATH 21B				Calculus II	
MATH 21C		(4)	MATH 3C	Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOL 1A	General Biology	(5)
	Earth				
	Introduction to				
	Forensic Science		submitted c	ourse(s) for articulati	on
	Elementary Statistics	(4)			(4)
Same as:	STATIST 13Y			Statistics	
~~~~ ~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	OR	( 4 )		OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	( 1 )		Organia Chomiatry	( 5 )
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A	Organic Chemistry	(5)
CHEM 110B	org chem, nich a ser	(=)	CHEM 12A <u>a</u>	Organic Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(1)	CHEM 12B	Organic Chemistry	(5)
CHEM 110C	Org Chem, Aith & Ser OR	(4)	CUEM IZP	OR	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	Organic Chemistry	(5)
CHEM 128A CHEM 128B	Organic Chemistry		CHEM 12A	Organic Chemistry	(5)
5	eraute enemptery	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	(3)	CHEM 12B	Organic Chemistry	(5)
CHEM 129A	Organic Chem Lab		CHEM 12A	Organic Chemistry	(5)
CHEM 129A CHEM 129B	Organic Chem Lab		CHEM 12A &	Organic Chemistry	(5)
	organite chem hab	(2)	CHEM 12B	Organic Chemistry	(5)

END OF MAJOR

 $h\,)\,$  This articulation is series-for-series only.

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====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.

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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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

## ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano	(4) NO COMPARABLE COURSE
	Representn in Cinema	
CHICANO 65	New Latin American	(4) NO COURSE ARTICULATED: College has not
	Cinema	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 1A Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5) SPAN 1A & Elementary Spanish	(5)
		SPAN 1B Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5) SPAN 1B Elementary Spanish	(5)
	OR	OR	
SPANISH 28	Inter Conversation	(2)   NO COMPARABLE COURSE	
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5) SPAN 22A Spanish for Bilingual Speakers I	(5)

#### END OF MAJOR

# ====Chicana/Chicano Studies A.B. (Social/Policy Studies)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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

# College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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

CHICANO 10 CHICANO 50	Chicano Culture	•				
CHICANO 21	Hlth Care Issues OR	(4) NO COMPARABLE COURSE				
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
	ONE COURSE F	ROM 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 CHICANO 73	-	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE				
	ONE COURSE FROM THE FOLLOWING:					
CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
PSYCH 41	Research Methods	(4) PSYCH 28 Introduction to (3) Research Methods in				
SOCIOL 46A	Intro Social Rsch	(4) SOC 120 Introduction to (3) Research Methods				
SPANISH 1 SPANISH 2	Elementary Spanish Elementary Spanish	(5)   SPAN 1A Elementary Spanish (5) (5)   SPAN 1A & Elementary Spanish (5)				
SPANISH 3		SPAN 1B Elementary Spanish (5)				
SPANISH 28 SPANISH 31	<b>OR</b> Inter Conversation Int Span Nat Spk I					
SPANISH 32	Int Span Nat Spk I Int Span Nat Spk II					

## END OF MAJOR

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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## 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 <u>Chinese placement exams</u> and also information regarding foreign language placement exams. For more information, check with

your UC Davis College Dean's Office or department advisor upon enrollment.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

,	<b>a</b>	-			( = )	1	~~~~~	~~~~~	
X)	CHINESE	$\bot$	Elem Chines	e	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	2	Elem Chines	е	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	3	Elem Chines	e	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	4	Inter Chine	se	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	5	Inter Chine	se	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	6	Inter Chine	se	(5)	NO	COMPARABLE	COURSE	
			OR					OR	
x)	CHINESE	1BL	Accl Wrtn	Chinese I	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	2BL	Accl Wrtn	Chinese	(5)	NO	COMPARABLE	COURSE	
			II						
x)	CHINESE	3BL	Accl Wrtn	Chinese	(5)	NO	COMPARABLE	COURSE	
			III			ĺ			
			OR					OR	
x)	CHINESE	1CN	Mand/Cant	Spkrs I	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	2CN	Mand/Cant	Spkrs II	(5)	NO	COMPARABLE	COURSE	
x)	CHINESE	3CN	Mand/Cant	Spkrs III	(5)	NO	COMPARABLE	COURSE	

#### RECOMMENDED COURSES FOR THIS MAJOR:

CHINESE 10 Modern Lit (in Engl)	(4) NO COMPARABLE COURSE
CHINESE 11 Gt Bks China (Engl)	(4) NO COMPARABLE COURSE
CHINESE 50 Intro to Literature	(4) NO COMPARABLE COURSE
Same as: JPNESE 50	
COMPLIT 14 Intro Poetry	(3) NO COMPARABLE COURSE
JPNESE 10 Masterworks in English	(4) NO COMPARABLE COURSE
LINGUIS 1 Intro Linguistics	(4) ANTHR 18 Introduction to (3)

HISTORY 9A East Asian Civ

#### END OF MAJOR

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

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

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

## Transfer Admission Guarantee (TAG) Note:

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 <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

CINE&TS 12 Media Computation (4) NO COURSE ARTICULATED: College has not

 Same as: ENG CS 12
 |submitted course(s)for articulation

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

## Select two of the following courses:

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

### Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)	HUMAN 21 	Film: Art and Communication	(3)
Former	rly Humanities 10				
TCULST 1	Intro Technocultural Studies	(4)	MMART 121 	Digital Culture	(3)
TCULST 5	Media Archaeology	(4)		ARTICULATED: College ha course(s) for articulat	

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/

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

### Transfer Admission Guarantee (TAG) Note:

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

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## General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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 CLASSIC 4 Late Antiquity

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

## ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art		1
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3			
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 has not
			submitted course(s) for articulation
CLASSIC 30	Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 31	Technical Word Roots	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 40	Economy in Ancient Med	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CLASSIC 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as:	SCI&TEC 50		
COMPLIT 1	Major Books-Ancient	(4)	NO COMPARABLE COURSE
	World		
PHILOS 21	Phil Classics: Ancient	(4)	PHIL 20A History of Ancient (3)
			Greek Philosophy
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 <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.

## Transfer Admission Guarantee (TAG) Note:

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

LATIN 1	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 2	Elementary Latin	(5) NO COMPARABLE COURSE
LATIN 3	Intermediate Latin	(5) NO COMPARABLE COURSE
	AND	AND
GREEK 1	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5) NO COMPARABLE COURSE
CLASSIC 1	N East/Early Gr	(4) NO COMPARABLE COURSE
	OR	OR
CLASSIC 2	Anc Gr & Near East	(4) NO COMPARABLE COURSE
	OR	OR
CLASSIC 3	Rome & The Mediter	(4) NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation

END OF MAJOR

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

# Special Advising Note:

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

# 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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ENGLISH 3	Intro to Lit	(4) ENGL 1B	Composition and Reading (4)
	OR		OR
UWRITING 1	Expository Writing	(4) ENGL 1A	Composition and Reading (4)

Intro Public Spkg	(4)	СОММ	45	Public Speaking	(3)
	(5)	BIOL	1A	General Biology	(5)
	(5)	BIOL	1B	General Biology	(5)
Genl Chemistry Genl Chemistry					(5)
-		CHEM	1B	General Chemistry	(5)
-					(5)
-					
Organic Chem-Brief	(4)	INO CO	JMPAI	RABLE COURSE	
Princ of Microecon	(4)	ECON 	2	Principles of Economics (Micro-Economics)	(3)
OR				OR	
Princ of Macroecon	(4)	ECON 	1	Principles of Economics (Macro-Economics)	(3)
General Psychology	(4)	PSYCI 	H 1A	Introduction to General Psychology	(3)
Intro Sociology OR	(5)	SOC 2	1	Introduction to Sociology OR	(3)
Social Problems <b>OR</b>	(4)	soc 2	2	Social Problems <b>OR</b>	(3)
Cultural Anthropology	(5)	ANTHI   	ર 3	Introduction to Social and Cultural Anthropology	(3)
_	(4)	MATH 	13	Introduction to Statistics	(4)
	Intro Biology:Life on Earth Intro Biology: Ecology & Evolution Genl Chemistry Genl Chemistry Organic Chem-Brief Organic Chem-Brief Princ of Microecon OR Princ of Macroecon General Psychology Intro Sociology OR Social Problems OR	Intro Biology:Life on (5) Earth Intro Biology: Ecology (5) & Evolution Genl Chemistry (5) Genl Chemistry (5) Organic Chem-Brief (2) Organic Chem-Brief (4) Princ of Microecon (4) OR Princ of Macroecon (4) General Psychology (4) Intro Sociology (5) OR Social Problems (4) OR Cultural Anthropology (5) Elementary Statistics (4)	Intro Biology:Life on (5) BIOL Earth Intro Biology: Ecology (5) BIOL & Evolution (5) CHEM Genl Chemistry (5) CHEM Genl Chemistry (5) CHEM Organic Chem-Brief (2) NO CC Organic Chem-Brief (2) NO CC Organic Chem-Brief (4) NO CC Princ of Microecon (4) ECON Princ of Macroecon (4) ECON General Psychology (4) PSYCH Intro Sociology (5) SOC I OR Social Problems (4) SOC I OR Cultural Anthropology (5) ANTHH Elementary Statistics (4) MATH	Intro Biology:Life on (5) BIOL 1A Earth Intro Biology: Ecology (5) BIOL 1B & Evolution (5) CHEM 1A Genl Chemistry (5) CHEM 1A Genl Chemistry (5) CHEM 1A Genl Chemistry (5) CHEM 1B Organic Chem-Brief (2) NO COMPAN Organic Chem-Brief (4) NO COMPAN Princ of Microecon (4) ECON 2 OR Princ of Macroecon (4) ECON 1 General Psychology (4) PSYCH 1A Intro Sociology (5) SOC 1 OR Social Problems (4) SOC 2 OR Cultural Anthropology (5) ANTHR 3 Elementary Statistics (4) MATH 13	Intro Biology:Life on Earth Intro Biology: Ecology & Evolution Genl Chemistry Genl Chemistry Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry Organic Chem-Brief (2) NO COMPARABLE COURSE Organic Chem-Brief (4) NO COMPARABLE COURSE Princ of Microecon (4) ECON 2 Principles of Economics (Micro-Economics) OR Princ of Macroecon (4) ECON 1 Principles of Economics (Macro-Economics) General Psychology (4) PSYCH 1A Introduction to General Psychology (5) SOC 1 Introduction to Sociology OR Social Problems (4) SOC 2 Social Problems OR Cultural Anthropology Elementary Statistics (4) MATH 13 Introduction to

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 <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.

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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  $\underline{General \ Catalog}$ . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

LINGUIS 1 Intro Linguistics	(4)	ANTHR 18 Introduction to (3) Anthropological Linguistics
COG SCI 1 Intro Cognitive Science OR	(4)	NO COURSE ARTICULATED
PHILOS 10 Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
e) PHILOS 12 Intro to Symbol Logic	(4)	
PHILOS 13G Minds, Brains Comp w/Disc	(4)	PHIL 11Formal Logic(3)NO COURSE ARTICULATED:College has notsubmitted course(s) for articulation
PSYCH 1 General Psychology	(4)	PSYCH 1A Introduction to (3) General Psychology
PSYCH 41 Research Methods	(4)	PSYCH 28 Introduction to (3) Research Methods in Psychology
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 13 Introduction to (4)   Statistics

END OF MAJOR

e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.

## ====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 <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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## 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	Emphasis 1	: Co	omputational	· —
ENG CS 20	<b>_</b>		) NO COMPARABLE COURSE	
	Intro to Programming(4)			ot
	y ENG CS 10		submitted course(s)for articulation	
	OR		OR	
ENG CS 36A	Programming	(4)	) CIS 6 Introduction to Computer (5	5)
Formerly	ENG CS 30		Programming	
ENG CS 34	UNIX & C++	(5)	) NO COURSE ARTICULATED	
	OR		OR	
		(4)	) CIS 25 Object Orientated (4	;)
Formerly	ENG CS 40		Programming Using C++	
			OR December 200	
			CIS 36A Java Programming (4	:)
			Language I OR	
			CIS 36B Java Programming (4	4)
			Language II	. /
ENG CS 50	Machine Dependent Prog	(4)	) CIS 20 Microcomputer Assembly (4	F)
	1 5	. ,	Language	
ENG CS 32B	Intro to Data Structures	(4)	)	
	OR		OR	
ENG CS 36C	Data Structures	(4)	) CIS 27 Data Structure and (4	.)
			Algorithms	
LINGUIS 1	Intro Linguistics	(4)	) ANTHR 18 Introduction to (3	3)
11110010 1	1	(-)	Anthropological	,
			Linguistics	
 MATH 17A	Calculus for BioSci	(4)	) NO COURSE ARTICULATED: College has no	) )t
		( = )	, , , , , , , , , , , , , , , , , , ,	-

MATH 17B MATH 21A MATH 21B	Calculus for Biosci <b>OR</b> Calculus Calculus	(4)	NO COURSE  submitted    MATH 3A	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation OR Calculus I (5) Calculus II (5)</pre>
	Linear Algebra Lin Alg Comp Lab	(3)	MATH 3E  NO COURSE	Linear Algebra (3 ARTICULATED: College has not course(s)for articulation
COG SCI 1 I	ntro Cognitive Science	(4)	NO COURSE	ARTICULATED
PHILOS 10	OR Intro Cognitive Science	(4)	•	<b>OR</b> ARTICULATED: College has not course(s)for articulation
e) PHILOS 1	2 Intro to Symbol Logic	(4)	PHIL 10   <b>OR</b>	Logic (3
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE	Formal Logic (3 ARTICULATED:College has not course(s)for articulation
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to (3) General Psychology
PSYCH 41	Research Methods	(4)	  PSYCH 28   	
	Elementary Statistics STATIST 13Y	(4)	MATH 13 	Introduction to (4) Statistics
	Emphasis	s 2:	Neuroscie	
BIOLSCI 2A	Intro Biology:Life on Earth			
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology (5
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			General Biology (5 General Biology (5
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18   	Introduction to (3 Anthropological Linguistics
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has not course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)	NO COURSE	<pre>course(s) for articulation ARTICULATED: College has not course(s) for articulation</pre>
	OR		ĺ	OR
MATH 21A		(4)	MATH 3A	Calculus I (5
MATH 21B MATH 21C		(4) (4)	MATH 3B	Calculus II (5) Calculus III (5)
	ntro Cognitive Science OR	(4)	  NO COURSE 	ARTICULATED OR
PHILOS 10	Intro Cognitive Science	(4)		ARTICULATED: College has not course(s)for articulation
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	•	ARTICULATED:College has not course(s)for articulation

h) PHYSICS 7A	General Physics	(4)	PHYS   PHYS		General Physics General Physics	(5) (5)
h) PHYSICS 7B	General Physics	(4)	1	3A <u>&amp;</u>	General Physics General Physics	(5) (5)
h) PHYSICS 7C	General Physics OR	(4)		3A <u>&amp;</u> 3B	General Physics	(5) (5)
q) PHYSICS 9A		(5)	PHYS	4a <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS 	4a <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4C	General Physics with Calculus	(5)
PSYCH 1 Gener	al Psychology	(4)	   PSYCH 	I 1A	Introduction to General Psychology	(3)
PSYCH 41 Rese	arch Methods	(4)	PSYCH   	I 28		(3)
Same as: STAT			İ	13	Introduction to Statistics	

END OF MAJOR

- e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.
- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

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

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

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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

anthro 4	Anthro Linguistics	(4)	ANTHR 18   	Introduction to (3) Anthropological Linguistics OR
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18	Introduction to (3) Anthropological Linguistics
COMUNCN 1	Intro Public Spkg OR	(4)	  COMM 45 	Public Speaking (3) OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 20	Communication Skills
	OR Global English Comm LINGUIS 5 OR	(4)		OR E ARTICULATED:College has not d course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)	1	E ARTICULATED:College has not d course(s)for articulation
COMUNCN 10Y	Intro to Communication	(4)		E ARTICULATED: College has not d course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	CIS 1   	Introduction to Computer (4) Information Systems
			<u>OR</u>  CIS 5 	Introduction to Computer (5) Science

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
e) PHILOS 12 Intro to Symbol Logic	(4) PHIL 10 Logic (3)
	OR       PHIL 11     Formal Logic     (3)
PSYCH 1 General Psychology	(4)   PSYCH 1A Introduction to (3)   General Psychology
SOCIOL 1 Intro Sociology	(5) SOC 1 Introduction to Sociology (3)
SOCIOL 46B Intro Social Rsch OR	(5) NO COMPARABLE COURSE
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4) MATH 13 Introduction to (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.
- e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.

### ====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 <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.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

## TWO COURSES FROM THE FOLLOWING:

COMUNCN 1	Intro Public Spkg	(4)	COMM 45 Public Speaking (3)
COMPLIT 1	Major Books-Ancient World	(4)	NO COMPARABLE COURSE
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4)	NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
ENGLISH 3	Intro to Lit	(4)	ENGL 1B Composition and Reading (4)
N A STD 5	Intro NA Literature	(4)	HIST 33History of Native(3)American Thought andLiterature
UWRITING 1	Expository Writing	(4)	ENGL 1A Composition and Reading (4)
UWRITING 48 Formerly	Style in the Essay UWRITING 18	(4)	NO COMPARABLE COURSE

UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 _____ 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 1 Introduction to Computer (4) Information Systems OR CIS 5 Introduction to Computer (5) Science 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. _____ (4) | ECON 2 Principles of Economics (3) ECON 1A Princ of Microecon

	OR			(Micro-Economics) <b>OR</b>
ECON 1B	Princ of Macroecon	(4)	ECON 1	Principles of Economics (3) (Macro-Economics)
anthro 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social (3) and Cultural Anthropology <b>OR</b>
SOCIOL 1	Intro Sociology	(5)	SOC 1	
STATIST 13 Same as	Elementary Statistics SEISTATIST 13Y OR	(4)	MATH 13   	Introduction to (4) Statistics <b>OR</b>
STATIST 32	2 Gateway to Data Science OR	(4)	NO COMPA	ARABLE COURSE OR
SOCIOL 46B		(5)	NO COMPA	ARABLE COURSE
END OF MAJ	 IOR			

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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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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COMPLIT 1	Major Books-Ancient World	(4)   NO COMPARABLE COURSE
	OR	OR
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4) NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern	(4) NO COMPARABLE COURSE
	Crisis	
	OR	OR
COMPLIT 4	Maj Books:Cont Wrld	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

## TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 1	Major Books-Ancient World	(4)   NO COMPARABLE COURSE 
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4) NO COMPARABLE COURSE
COMPLIT 3	Major Books-The Modern Crisis	(4) NO COMPARABLE COURSE
COMPLIT 4	Maj Books:Cont Wrld	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
COMPLIT 5	Fairy Tales, Fables, Parables	(4) NO COMPARABLE COURSE
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 Short Story & Novella (4) NO COURSE ARTICULATED: College has not COMPLIT 9 submitted course(s) for articulation Travel and Modern World (4) NO COURSE ARTICULATED: College has not COMPLIT 11 Same as: GERMAN 11 submitted course(s)for articulation COMPLIT 12 Intro Women Writers (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation COMPLIT 13Dramatic Lit(3) NOCOMPARABLECOURSECOMPLIT 14Intro Poetry(3) NOCOMPARABLECOURSECOMPLIT 20Humans & Natural World(4) NOCOMPARABLECOURSE COMPLIT 24 Animals in Literature (4) NO COURSE ARTICULATED:College has not COMPLIT 25Ethnic Writers(4) NO COMPARABLE COURSECOMPLIT 53ALit of East Asia(4) NO COMPARABLE COURSECOMPLIT 53BLit of South Asia(4) NO COMPARABLE COURSECOMPLIT 53CLit of the Islamic(4) NO COMPARABLE COURSEWorldWorldSubmitted course(s) for articulation submitted course(s) for articulation submitted course(s) for articulation World

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

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

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END OF MAJOR

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

## Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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## General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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END OF MAJOR

### 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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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

END OF MAJOR

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

Special Advising Note:

#### **REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

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

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

Transfer students must also meet UC transfer admission requirements. See the UC Davis <u>transfer admission website</u>. 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 <u>highly recommended</u> that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

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

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

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

MATH 21A Calculus	(4)   MATH 3A Calculus I	(5)
MATH 21B Calculus	(4) MATH 3B Calculus II	(5)
MATH 21C Calculus	(4) MATH 3C Calculus III	(5)
MATH 22A Linear Algebra OR	(3) MATH 3E Linear Algebra   OR	(3)
MATH 67 Modern Linear Algebra	(4) NO COURSE ARTICULATED: College	has not
	submitted course(s) for articu	lation
ENG CS 20 C Sci/Discrete Math	(4) NO COMPARABLE COURSE	
ENG CS 20 C Sci/Discrete Math ENG CS 36A Programming	(4) NO COMPARABLE COURSE (4) CIS 6 Introduction to Compu	 ter (5)
-		ter (5)
ENG CS 36A Programming	(4) CIS 6 Introduction to Compu	
ENG CS 36A Programming Formerly ENG CS 30	(4) CIS 6 Introduction to Compu Programming	(4)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program	(4) CIS 6 Introduction to Compu Programming (4) CIS 25 Object Orientated	(4)
ENG CS 36A Programming Formerly ENG CS 30 ENG CS 36B Object-Oriented Program	<ul> <li>(4) CIS 6 Introduction to Compu Programming</li> <li>(4) CIS 25 Object Orientated Programming Using C</li> </ul>	(4)

CIS 36B Java Programming	(4)
(4) CIS 27 Data Structure and	(4)
-	y (4)
courses. Community college students	,
FOLLOWING COURSES:	
(5) BIOL 1A General Biology	(5)
(5) BIOL 1B General Biology	(5)
(5) BIOL 1A <u>&amp;</u> General Biology BIOL 1B General Biology	(5) (5)
<ul> <li>(5) CHEM 1A General Chemistry</li> <li>(5) CHEM 1A <u>&amp;</u> General Chemistry</li> <li>(CHEM 1B General Chemistry</li> </ul>	(5) (5) (5)
(5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE	(5)
Calculus PHYS 4B <u>&amp;</u> General Physics with	
I I I I I I I I I I I I I I I I I I I	(5)
(5) PHYS 4A <u>&amp;</u> General Physics with Calculus	(5)
Calculus	
Calculus	
Calculus	(5)
Calculus	(5)
PHYS 4C General Physics with   Calculus	(5)
	Language II (4) CIS 27 Data Structure and Algorithms (4) CIS 20 Microcomputer Assembly Language llege's computer science courses courses. Community college students ed to make up any topic or language FOLLOWING COURSES: (5) BIOL 1A General Biology (5) BIOL 1B General Biology (5) BIOL 1A General Biology (5) BIOL 1A General Biology (5) CHEM 1A General Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) PHYS 4A General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4A General Physics with Calculus PHYS 4A General Physics with Calculus PHYS 4A General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4B General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4C General Physics with Calculus PHYS 4B C General Physics With Calculus PHYS 4B C General Physic

END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

## Transfer Admission Guarantee (TAG) Note:

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 <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

TWO COURSES FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparation ART 12 Beginning Video (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 40A Energy, Materials, (4) NO COMPARABLE COURSE Design DESIGN 40B Ideologies of Design (4) | NO COMPARABLE COURSE DESIGN 40C Design Aesthetics/Exper (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 50 Intro to 3-D Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 70 Intro Textile Structure (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE _____ UWRITING 11 Pop Sci & Technol (4) NO COURSE ARTICULATED: College has not Wrtng submitted course(s) for articulation OR OR UWRITING 12 Writing/Visual (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Rhetoric OR OR UWRITING 48 Style in the Essay (4) NO COMPARABLE COURSE Formerly UWRITING 18 OR OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

#### College Foreign Language Requirement Note:

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

## ONE COURSE FROM THE FOLLOWING:

ARTHI 1D Arts of Asia (4) NO COMPARABLE COURSE	
CHINESE 7 Chinese Business Culture (4) NO COURSE ARTICULATED: Co	College has not
submitted course(s)for ar	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: Co	College has not
submitted course(s)for ar	articulation
REL STD 75 Introduction to Chinese (4) NO COMPARABLE COURSE	
Philosophy	

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

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

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

====Ecological Management and Restoration B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

BIOLSCI 2A	Earth			İ			Biology	(5
BIOLSCI 2B	Intro Biology & Evolution	y: Ecology	(5)	BIOL 1 	lB	General	Biology	(5
BIOLSCI 2C	Intro Biolog	y:	(5)	BIOL 1	la <u>&amp;</u>	General	Biology	(5
	Biodiversity of Life			İ			Biology	( 5
 CHEM 2A	Genl Chemistry		(5)	CHEM 1	la	General	Chemistry	(5
CHEM 2B	Genl Chemistry			CHEM 1	lb	General	Chemistry Chemistry	(5
	Principles Pl		(3)	NO COM	IPAR A	ABLE COURS	SE	
	Principles Pl <b>OR</b>			i		(	R.	
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## PREPARATION FOR GRADUATION:

## END OF MAJOR

## h) This articulation is series-for-series only.

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

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

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

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

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

-Statistics 13

## Transfer Admission Guarantee (TAG) Note:

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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON 	2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 	1	Principles of Economics (Macro-Economics)	(3)
	Elementary Statistics STATIST 13Y OR	(4)	MATH   	13	Introduction to Statistics <b>OR</b>	(4)
STATIST 32	Gateway to Data Science	(4)	NO CO	OMPAR	ABLE COURSE	
 MATH 16A	Short Calculus	(3)	   MATH     01		Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)	MATH   MATH 	3A 16B		(5) (3)
	OR		<u>0</u>  MATH 	_	Calculus II OR	(5)
MATH 21A MATH 21B	Calculus Calculus	• •	MATH  MATH		Calculus I Calculus II	(5) (5)

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

END OF MAJO	5	(3)   11111 31	Linear nigebra	(3)
MATH 22A	Linear Algebra	(3)   MATH 3E	Linear Algebra	(3)
MATH 21C	Calculus	(4) MATH 3C	Calculus III	(5)

### ====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

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

## Transfer Admission Guarantee (TAG) Note:

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

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General Education (GE) Note:

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

to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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college graduation requirement in a foreign language. See
<u>http://llc.ucdavis.edu/foreign-language-placement-exams</u> 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  $\frac{\text{General Catalog}}{\text{AP}}$ . Quick reference charts for  $\frac{\text{AP}}{\text{AP}}$  and  $\frac{\text{IB}}{\text{IB}}$  are also available from our TAG website.

ENGLISH 3	Intro to Lit OR	(4)	ENGL 	1B	Composition and Reading (4) OR
UWRITING 1	Expository Writing	(4)	ENGL	1A	Composition and Reading (4)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 	85A	Literature in English (4) through Milton
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL   	85B	Literature in English: (4) Late 17th Century through Mid-19th Century
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL   	85C	Literature in English: (4) Mid-19th Century through the 20th Century

### ONE COURSE FROM THE FOLLOWING:

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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 course(s) for articulation
ENGLISH 44	Intro Topics in Fiction	(4) NO COMPARABLE COURSE
ENGLISH 45	Intro Topics in Poetry	(4) NO COMPARABLE COURSE

END OF MAJOR

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

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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 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.

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology:	(5) BIOL 1A <u>&amp;</u>	General Biology	(5)

	Biodiversity & the Tree of Life	2	BIOL 1B General Biology (5) 
		(5)	CHEM 1AGeneral Chemistry(5)CHEM 1A <b>&amp;</b> General Chemistry(5)CHEM 1BGeneral Chemistry(5)
CHEM 8B	Organic Chem-Brief Organic Chem-Brief <b>OR</b>	(4)	NO COMPARABLE COURSE
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	CHEM 12AOrganic Chemistry(5)CHEM 12A&Organic Chemistry(5)CHEM 12BOrganic Chemistry(5)
 MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (3)   and the Life and   Social Sciences   OR
МАТН 16В	Short Calculus	(3)	MATH 3A Calculus I (5) MATH 16B Calculus for Business (3) and the Life and Social Sciences OR
МАТН 16С	Short Calculus	(3)	MATH 3BCalculus II(5)MATH 16BCalculus for Business (3)and the Life andSocial Sciences
	OR		<u>OR</u>  MATH 3B Calculus II (5)   OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
	OR		submitted course(s) for articulation OR
MATH 21A		(4)	MATH 3ACalculus I(5)MATH 3BCalculus II(5)
MATH 21B MATH 21C	Calculus Calculus	(4) (4)	MATH 3BCalculus II(5)MATH 3CCalculus III(5)
	Principles Physics Principles Physics		NO COMPARABLE COURSE
	Elementary Statistics : STATIST 13Y OR	(4)	MATH 13 Introduction to (4)   Statistics   OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
PL SCI 21	<b>OR</b> Computers in Technology	(3)	OR NO COMPARABLE COURSE

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

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## Special Advising Note:

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**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.

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

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

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

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## General Education (GE) Note:

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

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

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

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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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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available from our TAG website.	
ENVHORT 1 Intro Envhort/Urb For ENVHORT 6 Intro Environ Plants	(3)   NO COMPARABLE COURSE (4)   NO COMPARABLE COURSE
LND ARC 30 History Environ Design	n (4) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
BIOLSCI 2A Intro Biology:Life on Earth	(5)  BIOL 1A General Biology (5)
BIOLSCI 2B Intro Biology: Ecology & Evolution	y (5) BIOL 1B General Biology (5)
PL SCI 2 Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry	(5) CHEM 1AGeneral Chemistry(5)(5) CHEM 1AGeneral Chemistry(5)CHEM 1BGeneral Chemistry(5)
ENV S&P 1 Env Analysis OR	(4) BIOL 13 Principles of Ecology (3) OR
ENV S&P 10 Current Issues in Environment	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 10 not open for credit to OR	o students who have completed ENV S&P 1 OR
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics	I
PL SCI 21 Computers in Technology	y (3) NO COMPARABLE COURSE
MATH 16A Short Calculus	(3)   MATH 16A Calculus for Business (3)   and the Life and

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

	Social Sciences	
OR		
MATH 3A	Calculus I	(5)
	OR	
(4)   MATH 13 	Introduction to Statistics	(4)
		OR       MATH 3A     Calculus I       OR       (4)     MATH 13

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

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

### **RECOMMENDED COURSES:**

COMUNCN 1	Intro Public Spkg	(4)   COMM 45	Public Speaking	(3)

END OF MAJOR

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

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

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COMUNCN 1	Intro Public Spkg OR	(4)   COMM 4	5 Public Speaking OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4) COMM 2	0 Interpersonal Communication Skills	(3)
	OR		OR	
DRAMART 10	Intro To Acting		RSE ARTICULATED: College has ted course(s)for articulation	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1	A General Biology	(5)
	Eatth			
	OR		OR	
BIOLSCI 10		(4) BIOL 1	OR 0 Introduction to Biology	7 (4)
	OR Everyday Biology Genl Chemistry	·	0 Introduction to Biology A General Chemistry	r (4)  (5)
CHEM 2A G	OR Everyday Biology	(5) CHEM 1	.0 Introduction to Biology	
CHEM 2A G	OR Everyday Biology Genl Chemistry OR	(5) CHEM 1   (4) NO COM	0 Introduction to Biology A General Chemistry OR	

	& Evolution OR		OR
CHEM 2B	Genl Chemistry	(5)	CHEM 1A & General Chemistry(5)CHEM 1BGeneral Chemistry(5)
PHYSICS 1B	OR Principles Physics	(3)	OR NO COMPARABLE COURSE
	ONE COURSE FR	ом т	HE FOLLOWING:
PL SCI 21	Computers in Technology <b>OR</b>	(3)	NO COMPARABLE COURSE
SCI&SOC 18	-	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1 Principles of Economics (3) (Macro-Economics)
	ONE COURSE FR	ом т	HE FOLLOWING:
AN SCI 1 ATM SCI 60	Domest Ani & People Intro to Atmospheric Science	(4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE
PL SCI 12 Same as	1 The Earth		GEOL 10 Introduction to Geology (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
W&F BIO 51	-	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ENV S&P 1	Env Analysis	(4)	BIOL 13 Principles of Ecology (3)
 MATH 16A	Short Calculus	(3)	MATH 16A Calculus for Business (3) and the Life and Social Sciences
МАТН 16В	Short Calculus	(3)	OR         MATH 3A       Calculus I       (5)         MATH 16B       Calculus for Business (3)         and the Life and       Social Sciences
	OR		<u>OR</u>  MATH 3B Calculus II (5)   OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 21A MATH 21B		(4) (4)	OR  MATH 3A Calculus I (5)  MATH 3B Calculus II (5)
			POSCI 1Government and Politics (3)in the United States
STATIST 13	Elementary Statistics : STATIST 13Y OR	(4)	MATH 13 Introduction to (4)   Statistics   OR
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE
SCI&SOC 25			<b>NGE POLICY AREA:</b>  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation

b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.

## ====Environmental Science and Management 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:

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COMUNCN 1 Intro Public Spkg	9 (4)	COMM 4	15		Speaking <b>DR</b>	(3)
COMUNCN 3 Intprsnl Com Cmpe	etnce (4)	COMM 2			rsonal cation Skills <b>DR</b>	(3)
DRAMART 10 Intro To Acting	(4)				TED: College has )for articulation	
BIOLSCI 2A Intro Biology:L: Earth	ife on (5)	BIOL 1 	Α.	General	Biology	(5)
BIOLSCI 2B Intro Biology: B & Evolution	Ecology (5)	BIOL 1	B	General	Biology	(5)
BIOLSCI 2C Intro Biology: Biodiversity & t of Life						(5) (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry		CHEM 1	.A <u>&amp;</u>	General	Chemistry Chemistry	(5)
		CHEM 1	B		Chemistry	(5)
OR CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis		  NO COM	IPARAB	C	DR SE	(5)
CHEM 2AH Honors Genl Chemis	stry (5)	  NO COM	IPARAE IPARAE	COURS BLE COURS BLE COURS Introduc	DR SE	
CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis b) GEOLOGY 1 The Earth	(5) (4)	NO COM  NO COM   GEOL 1 	IPARAE IPARAE 	COURS BLE COURS BLE COURS Introduc C	<b>DR</b> SE SE ction to Geology	(3)
CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis b) GEOLOGY 1 The Earth OR	(4) (4) (3) (5) (4) (3)	  NO COM  NO COM  GEOL 1    GEOL 1  NO COM	IPARAE IPARAE .0. .0 IPARAE	COURS BLE COURS Introduc Introduc BLE COURS BLE COURS	OR SE SE ction to Geology OR ction to Geology SE	(3)
CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis b) GEOLOGY 1 The Earth OR GEOLOGY 50 Physical Geology PHYSICS 1A Principles Phys: PHYSICS 1B Principles Phys:	(4) (4) (3) (5) (4) (3) (3) (3)	  NO COM  GEOL 1    GEOL 1    GEOL 1  NO COM  NO COM    PHYS 3	IPARAE IPARAE .0 .0 IPARAE IPARAE IPARAE	COURS BLE COURS Introduc Introduc BLE COURS BLE COURS COURS Coneral	DR SE SE ction to Geology DR ction to Geology SE SE SE DR Physics	(3) (3) (5)
CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis b) GEOLOGY 1 The Earth OR GEOLOGY 50 Physical Geology PHYSICS 1A Principles Phys: PHYSICS 1B Principles Phys: OR	(5) (4) (4) (3) (5) (3) (5) (3) (5) (4)	NO COM	IPARAE IPARAE .0 .0 IPARAE IPARAE 38 <u>&amp;</u> 38	COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS COURS	DR SE SE ction to Geology DR ction to Geology SE SE DR Physics Physics Physics Physics	(3) (3) (5) (5) (5)
CHEM 2AH Honors Genl Chemis CHEM 2BH Honors Genl Chemis b) GEOLOGY 1 The Earth OR GEOLOGY 50 Physical Geology PHYSICS 1A Principles Phys: PHYSICS 1B Principles Phys: OR h) PHYSICS 7A General Phys:	(5) (4) (4) (2) (3) (3) (3) (3) (3) (4) (4) (4)	NO COM	1PARAE 1PARAE .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Course Co	DR SE SE ction to Geology DR ction to Geology SE SE SE DR Physics Physics	(3) (3) (5) (5)

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.

	Princ of Microecon		İ		Principles of Economics (Micro-Economics)	
	Short Calculus		MATH   	16A		
			0		~ ] ] –	( = )
МАТН 16В	Short Calculus	(3)	MA'I'H   MATH   	3A 16B	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
				R		
	OR		MATH 	3B	Calculus II <b>OR</b>	(5)
MATH 17A	Calculus for BioSci	(4)			ARTICULATED: College has course(s) for articulati	
МАТН 17В	Calculus for Biosci	(4)			ARTICULATED: College has course(s) for articulati	
	OR		i		OR	
	Calculus	(4)	MATH	3A	Calculus I Calculus II	(5)
	Calculus	(4)	MATH	3B	Calculus II	(5)
ENV S&P 1	Env Analysis	(4)	BIOL	13	Principles of Ecology	(3)
	RECOMMENDED COU					
CHEM 2C	Genl Chemistry OR	(5)	CHEM	1B	General Chemistry OR	(5)
	Honors Genl Chemistry				ABLE COURSE	
	PREPARATIO	N FOR	GRAD	UATIO	<u>N</u> :	
	3 Elementary Statistics s: STATIST 13Y	(4)	MATH 	13	Introduction to Statistics	(4)

# ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

·

# CLIMATE CHANGE AND AIR QUALITY TRACK:

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

## WATERSHED SCIENCE TRACK:

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

- b) If a student takes GEOL 10 at Berkeley City College, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.
- $h\,)$  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 <u>highly recommended</u> 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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B General Biology (5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 1A & General Biology (5)
	Biodiversity & the Tree of Life		BIOL 1B General Biology (5)
CHEM 2A	Genl Chemistry		CHEM 1A General Chemistry (5)
CHEM 2B	Genl Chemistry		$ CHEM 1A \underline{\&} General Chemistry (5)$
			CHEM 1B General Chemistry (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry (5)
<i></i>	OR	( = )	OR
CHEM 2AH	Honors Genl Chemistry		
CHEM 2BH CHEM 2CH	Honors Genl Chemistry Honors Genl Chemistry		NO COMPARABLE COURSE   NO COMPARABLE COURSE
CHEM ZCH	Honors Geni Chemistry	(5)	NO COMPARABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci		
CHEM 118B	Org Chem, Hlth & Sci		CHEM 12A $\underline{\&}$ Organic Chemistry (5)
			CHEM 12B Organic Chemistry (5)
CHEM 118C	Org Chem, Hlth & Sci <b>OR</b>	(4)	CHEM 12B Organic Chemistry (5)
CHEM 128A	Organic Chemistry	(3)	OK   CHEM 12A Organic Chemistry (5)
CHEM 128B	Organic Chemistry		CHEM 12A Crganic Chemistry (5)
011211 2202	019000000000000000000		CHEM 12B Organic Chemistry (5)
CHEM 128C	Organic Chemistry		CHEM 12B Organic Chemistry (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry (5)
 MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MATH 17B	Calculus for Biosci	(1)	<pre> submitted course(s) for articulation  NO COURSE ARTICULATED: College has not</pre>
MAIN I/B	Calculus for Brosci	(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		( - /	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 3A Calculus I (5)

MATH 21B Calculus MATH 21C Calculus	· / /	Calculus II Calculus III	(5) (5)
h) PHYSICS 7A General Physics		General Physics	(5)
h) PHYSICS 7B General Physics	!	General Physics General Physics	(5) (5)
	1	General Physics	(5)
h) PHYSICS 7C General Physics		General Physics General Physics	(5) (5)

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

## h) This articulation is series-for-series only.

# ====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 <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, <u>in order to be considered</u> <u>for admission in this selective major</u>, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

# Transfer Admission Guarantee (TAG) Note:

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

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

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

# College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	1A	General	Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOL	1B	General	Biology	(5)
BIOLSCI 2C	& Evolution Intro Biology: Biodiversity & the Tree of Life						
	Genl Chemistry Genl Chemistry	• •	CHEM	1A <u>&amp;</u>	General	Chemistry Chemistry Chemistry	(5)
	Organic Chem-Brief Organic Chem-Brief				ABLE COUR ABLE COUR		
MATH 17A	Calculus for BioSci	(4)				TED: College ) for articu	
МАТН 17В	Calculus for Biosci	(4)	NO CO	OURSE	ARTICULA	TED: College ) for articu	has not
	OR		1		(	OR	
MATH 21A	Calculus	(4)	MATH	3A	Calculu	s I	(5)
MATH 21B	Calculus	(4)	MATH	3B	Calculu	s II	(5)
	Principles Physics						
PHYSICS 1B	Principles Physics	(3)	NO CO	OMPAR	ABLE COUR	SE	
	RECOMMENDED:						

MATH 17C	Calculus for BioSci				College has not
			submitted	course(s) for	r articulation
	OR			OR	
MATH 21C	Calculus	(4)	MATH 3C	Calculus II	I (5)

END OF MAJOR

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

## Special Advising Note:

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

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

## **REQUIREMENTS FOR ADMISSION:**

## (for 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.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	( 5 )		1 🗗	General Biology	( )
BIOTPCI 78	& Evolution	(5)		TB	General Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	1A &	General Biology	(5)
	Biodiversity & the Tree		BIOL	1B	General Biology	(5)

of Life _____ _____ CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 1B General Chemistry (5) (5) CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry _____ CHEM 8AOrganic Chem-Brief(2) | NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) | NO COMPARABLE COURSE OR OR CHEM 118AOrg Chem, Hlth & Sci(4)CHEM 12AOrganic ChemistryCHEM 118BOrg Chem, Hlth & Sci(4)CHEM 12A**&**Organic Chemistry (5) (5) CHEM 12B Organic Chemistry CHEM 118C Org Chem, Hlth & Sci (4) CHEM 12B Organic Chemistry (5) (5) _____ (4) NO COURSE ARTICULATED: College has not MATH 17A Calculus for BioSci submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus (4) | MATH 3A Calculus I (5) (4) MATH 3B Calculus II MATH 21B Calculus (5) _____ h) PHYSICS 7A General Physics (4)|PHYS 3A を General Physics (5) PHYS 3B General Physics (5) (4) PHYS 3A 🛓 General Physics h) PHYSICS 7B General Physics (5) |PHYS 3B General Physics (4)|PHYS 3A & General Physics (5) h) PHYSICS 7C General Physics (5) PHYS 3B General Physics (5) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. _____ **RECOMMENDED:** 

MATH 21C	Calculus	(4)   MATH 3C	Calculus	III	(5)

END OF MAJOR

h) This articulation is series-for-series only.

====Fiber & Polymer Science B.S.==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

CHEM 2A	Genl Chemistry	(5) CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 1A <u>&amp;</u>	General Chemistry	(5)
		CHEM 1B	General Chemistry	(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 2C Genl Chemistry	(5) CHEM 1B	General Chemistry	(5)
B) ENG CS 15 Intro to Computers	(4) CIS 1 	Introduction to Computer Information Systems	(4)
	CIS 5	Introduction to Computer Science	(5)
<b>OR</b> ENG CS 36A Programming Formerly ENG CS 30	(4) CIS 6	<b>OR</b> Introduction to Computer Programming	(5)

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

 MATH 16A	Short	Calcul	 າຊ	(3)	   MATH 	16A	Calculus for Business and the Life and	(3)
						_	Social Sciences	
					OI	-		( - )
MATH 16B	Chort	Coloul	10	(2)		3A 16B		(5)
MAIN 10B	51101 (		15	(3)		TOP	and the Life and	(3)
							Social Sciences	
					OI	ર		
					MATH	3B	Calculus II	(5)
MATH 16C	Short	Calcul	JS	(3)	MATH	16B	Calculus for Business	(3)
							and the Life and	
							Social Sciences	
					OF	-		
					MATH	3B	Calculus II	(5)
		OR					OR	
MATH 21A				· · ·	1	3A		(5)
MATH 21B	Calcı	ılus					Calculus II	(5)
MATH 21C	Calcı	ılus		(4)	MATH	3C	Calculus III	(5)
h) PHYSICS	 7A	General	Physics	(4)	PHYS	3A &	General Physics	(5)
			-				General Physics	
h) PHYSICS	7B	General	Physics	(4)			General Physics	
							General Physics	
h) PHYSICS	7C	General	Physics	(4)	PHYS	3A &	General Physics	(5)
			_				General Physics	
					mplete	e an e	ntire 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
q) PHYSICS 9A	Classical	Physics	(5)	PHYS	4A <u>4</u>	General Physics with (5) Calculus
				PHYS	4B 4	General Physics with (5) Calculus
				PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical	Physics	(5)	PHYS	4A <u>4</u>	General Physics with (5) Calculus
				PHYS	4B <u>4</u>	General Physics with (5) Calculus
				PHYS	4C	General Physics with (5) Calculus

q) PHYSICS	9C Classical Physics	(5) PHYS 4A <u>&amp;</u> General Physics with Calculus	(5)
		PHYS 4B & General Physics with Calculus	(5)
		PHYS 4C General Physics with Calculus	(5)
Same as	Elementary Statistics : STATIST 13Y	(4)   MATH 13 Introduction to   Statistics	(4)
TEX&CL 6	Intro Textiles	(4)   NO COMPARABLE COURSE	
	Textile Apparel Ind OR		
ENGIN 45	Prop of Mats	(4)   NO COMPARABLE COURSE	
	PREPARATION	FOR GRADUATION:	
CHEM 128A	Organic Chemistry	(3) CHEM 12A Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3) CHEM 12A & Organic Chemistry	(5)
CHEM 128C	Organic Chemistry	CHEM 12B Organic Chemistry (3) CHEM 12B Organic Chemistry	(5) (5)
CHEM 128C	Organic Chem Lab	(2) CHEM 12A Organic Chemistry	(5)
CHEM 129B	Organic Chem Lab	(2) CHEM 12A & Organic Chemistry	(5)
		CHEM 12B Organic Chemistry	(5)
	ELECT	IVE COURSES:	
ECON 1A		(4) ECON 2 Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4) ECON 1 Principles of Economics (Macro-Economics)	(3)
MATH 22A	Linear Algebra	(3) MATH 3E Linear Algebra	(3)
MATH 22B	Differntl Equations	(3) MATH 3F Differential Equations	(3)
PL SCI 21	Computers in Technology	(3)   NO COMPARABLE COURSE	_
END OF MAJ	OR		

- 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.
- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

#### ====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 <u>highly recommended</u> 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.

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

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

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

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

#### 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) COMM 45 Public Speaking (3) _____ MATH 16A Short Calculus (3) MATH 16A Calculus for Business (3) and the Life and Social Sciences OR MATH 3A Calculus I (5) (3) MATH 16B Calculus for Business (3) MATH 16B Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) (3) MATH 16B Calculus for Business (3) MATH 16C Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) _____ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1A General Biology (5) Earth _____ (5) CHEM 1A General Chemistry (5) CHEM 1A & General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1BGeneral Chemistry(5)(5)CHEM 1BGeneral Chemistry(5) CHEM 2C Genl Chemistry _____ CHEM 8A Organic Chem-Brief (2) NO COMPARABLE COURSE AND AND CHEM 8B Organic Chem-Brief (4) NO COMPARABLE COURSE OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 12A Organic Chemistry (5) AND AND CHEM 118B Org Chem, Hlth & Sci (4) CHEM 12A & Organic Chemistry (5)CHEM 12B Organic Chemistry (5) OR OR CHEM 128A Organic Chemistry (3) CHEM 12A Organic Chemistry (5) AND AND CHEM 128B Organic Chemistry (3) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5) AND AND CHEM 129A Organic Chem Lab (2) CHEM 12A Organic Chemistry (5) _____ _____ h) PHYSICS 7A General Physics (4) PHYS 3A **&** General Physics (5) PHYS 3B General Physics (5) (4)|PHYS 3A 隆 General Physics h) PHYSICS 7B General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7C General Physics (4) PHYS 3A & General Physics (5) |PHYS 3B General Physics (5)

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

FD S&T 50	Intro Food Preservation	(3)	NO CO	OMPAI	RABLE COURSE
	Elementary Statistics STATIST 13Y	(4)	MATH 	13	Introduction to (4) Statistics
NUTR 10 Discoveries and Concepts (3) NO COMPARABLE COURSE					
RECOMMEND	ED FOR STUDENTS INTENDING	TO PI	URSUE	GRAI	DUATE OR PROFESSIONAL STUDIES:
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM	12B	Organic Chemistry (5)
	OR		İ		OR
CHEM 128C	Organic Chemistry	(3)	CHEM	12B	Organic Chemistry (5)
	AND				AND
CHEM 129B	Organic Chem Lab	(2)	CHEM	12A	▲ Organic Chemistry (5)
			CHEM	12B	Organic Chemistry (5)
	AND				AND
CHEM 129C	Organic Chem Lab	(2)	CHEM	12B	Organic Chemistry (5)

END OF MAJOR

### h) This articulation is series-for-series only.

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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:

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

FRENCH 1	Elementary French	(5) FREN 1A Elementary French (5)
FRENCH 2	Elementary French	(5)  FREN 1A <b>&amp;</b> Elementary French $(5)$
		FREN 1B Elementary French (5)
FRENCH 3	Elementary French	(5) FREN 1B Elementary French (5)
FRENCH 21	Intermed French	(5) NO COMPARABLE COURSE
FRENCH 22	Intermed French	(5) NO COMPARABLE COURSE
FRENCH 23	Intermed French	(5)   NO COMPARABLE COURSE

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

### END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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

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. _____ d) WOM STD 50 Intro Gender Studies (4) | WS 1 Introduction to Women's (3) Studies WOM STD 60Feminist Critiques(4) NO COMPARABLE COURSEWOM STD 70Sexual:Thry&Hist(4) NO COMPARABLE COURSE _____ TWO COURSES FROM THE FOLLOWING: AF-AMST 10Af-Am Culture & Soc(4) NO COMPARABLE COURSEAF-AMST 17Women in Africa(4) NO COMPARABLE COURSEAMR STD 21Objects & Everyday Life(4) NO COMPARABLE COURSEAMR STD 30Amr Images Pop Cult(4) NO COMPARABLE COURSEANTHRO 2Cultural Anthropology(5) ANTHR 3Introduction to Social (3)and CulturalAnthropology(5) and Cultural Anthropology ANTHRO 20 Comparative Cultures (4) NO COMPARABLE COURSE ANTHRO 30 Sexualities (4) NO COURSE ARTICULATED: College has not ANTHRO 30Sexualleles(4) NO COURSE ARTICULATED: College has notA A STD 1Hist Exp Asian Am(4) NO COMPARABLE COURSEA A STD 2Contemp Issues of Asian(4) NO COURSE ARTICULATED: College has not Americanssubmitted course(s)for articulationCHICANO 10Intro to Chic Std(4) NO COMPARABLE COURSECHICANO 21Hlth Care Issues(4) NO COMPARABLE COURSECHICANO 50Chicano Culture(4) NO COMPARABLE COURSECOMPLIT 12Intro Women Writers(4) NO COURSE ARTICULATED: College has notsubmitted course(s)for articulation Americans DRAMART 1 Theatre, Performance and (4) | NO COMPARABLE COURSE Culture ENGLISH 3Intro to Lit(4) ENGL 1BComposition and Reading (4)HISTORY 72AAm Women & Gender(4) NOCOMPARABLECOURSEHISTORY 72BAm Women & Gender(4) NOCOMPARABLECOURSEHISTORY 72BAm Women & Gender(4) NOCOMPARABLECOURSEHISTORY 85Nat, Man&Mach/Amer(4) NOCOMPARABLECOURSEN A STD 10NA Experience(4) NOCOURSEARTICULATED:College has not N A STD 32 NA Music & Dance (4) NO COURSE ARTICULATED: College has not N A SID 32submitted course(s) for arctionPOL SCI 7Law & Politics(4)PSYCH 1General Psychology(4)PSYCH 1General PsychologyGeneral Psychology submitted course(s) for articulation (3) SCI&TEC 1 Intro Sci & Tech Std (4) NO COMPARABLE COURSE SCI&TEC 2 Intro History of Science (4) SCI&TEC 20 Sci & Tec Std Methods (4) | NO COMPARABLE COURSE SCI&TEC 32Drugs, Science and<br/>Culture(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation Same as: ANTHRO 32 SOCIOL 2 Self and Society (4) NO COURSE ARTICULATED: College has not

Davis decides whether you have satisfied the GE requirement. See a UC Davis

			submitted course(s)for articulation
SOCIOL 3	Social Problems	(4)	SOC 2 Social Problems (3)
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COMPARABLE COURSE
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
TEX&CL 7	Style & Cult Std	(4)	NO COMPARABLE COURSE
UWRITING 49	Writing Research Papers	(4)	NO COMPARABLE COURSE
Formerly UW	RITING 19		
WOM STD 20	Cult Repr of Gndr	(4)	NO COMPARABLE COURSE
END OF MAJOR	2		

d) Berkeley City College's WS 1 must be taken for a letter grade in order to receive credit for UC Davis's WOM STD 50.

## ====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.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	General	Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General	Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL 1A S	General	Biology	(5)
	Biodiversity & the Tree of Life					
CHEM 2A Ge	nl Chemistry	(5)	CHEM 1A	General	Chemistry	(5)
CHEM 2B Ge	nl Chemistry	(5)	CHEM 1A 8	General	Chemistry	(5)
	-				Chemistry	
CHEM 2C Ge	nl Chemistry	(5)			Chemistry	
	OR				DR -	
CHEM 2AH H	onors Genl Chemistry	(5)	NO COMPAR	RABLE COURS	SE	
СНЕМ 2ВН Н	onors Genl Chemistry	(5)	NO COMPAR	RABLE COURS	SE	
	onors Genl Chemistry					
CHEM 8A Or	ganic Chem-Brief	(2)	NO COMPAR	RABLE COURS	SE	
CHEM 8B Or	ganic Chem-Brief	(4)	NO COMPAR	RABLE COURS	SE	
	OR			(	DR	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A	Organio	c Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 12A			
			CHEM 12B	-	c Chemistry	
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organio	c Chemistry	(5)

(4) NO COURSE ARTICULATED: College has not MATH 17A Calculus for BioSci submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus (4) MATH 3A Calculus I (4) MATH 3B Calculus II (5) MATH 21B Calculus (5) _____ h) PHYSICS 7A General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7B General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7C General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. 

RECOMMENDED:							
MATH 21C	Calculus	(4) MATH 3C	Calculus III	(5)			

END OF MAJOR

# $h\,)\,$ This articulation is series-for-series only.

# ====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

GEOLOGY 50 GEOLOGY 501	History of Life History of Life Lab Physical Geology D Physical Geol Lab Earth Materials:Intro	(1) (3) (2)	NO COMPA GEOL 10 NO COMPA	Introduction to Geology ARABLE COURSE	(3)
МАТН 16А	Short Calculus	(3)	MATH 16A       <b>OR</b>	Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)	<u>0x</u>  MATH 3A  MATH 16E   		(5) (3)
	OR		<u>OR</u>  MATH 3B 	Calculus II <b>OR</b>	(5)
MATH 21A		(4)	MATH 3A		(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry				(5)
			CHEM 1B 	General Chemistry	(5)
h) PHYSICS	7A General Physics				(5)
		( 1 )	PHYS 3B	General Physics	(5)
n) PHYSICS	7B General Physics	(4)	PHYS 3A	General Physics	(5) (5)
	ly recommended that student				(5)
	inity college that is equiv				A/B/C
series befo	pre transferring. Students	who t	transfer	without completing an enti	re
	be required to take additi				1
Davis, and physics.	will need to meet with a t	JC Dav	vis advis	for before continuing with	
					·
	Elementary Statistics STATIST 13Y <b>OR</b>	(4)	MATH 13   	Introduction to Statistics OR	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPA		

### h) This articulation is series-for-series only.

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

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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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# Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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

GEOLOGY 3 History of Life GEOLOGY 3L History of Life La GEOLOGY 50 Physical Geology GEOLOGY 50L Physical Geol Lab GEOLOGY 60 Earth Materials:In GEOLOGY 62 Optical Mineralogy	<pre>(3) GEOL 10 Introduction to Geology (3) (2) NO COMPARABLE COURSE tro (4) NO COMPARABLE COURSE</pre>
MATH 21A Calculus	(4)   MATH 3A Calculus I (5)
MATH 21B Calculus	(4)   MATH 3B Calculus II (5)
MATH 21C Calculus	(4)   MATH 3C Calculus III (5)
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A <u>&amp;</u> General Chemistry (5)

# _____ SELECT ONE OF THE FOLLOWING THREE OPTIONS:

## GENERAL GEOLOGY OPTION:

	Genl Chemistry Gateway to Data Science			General Chemistry	(5)
DIALDI JZ	Gateway to Data Defence		1		
h) PHYSICS	7A General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS	7B General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)
h) PHYSICS	7C General Physics	(4)	PHYS 3A &	General Physics	(5)
			PHYS 3B	General Physics	(5)

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 1	OR				OR
q) PHYSICS 9A	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4в <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus
q) PHYSICS 9C	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS	4C	General Physics with (5) Calculus

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

# GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C Genl Chemistry	(5)	CHEM 1B	General Chemistry	(5)
STATIST 32 Gateway to Data Science	(4)	NO COMPARA	BLE COURSE	
MATH 21D Vector Analysis	(4)	MATH 3C	Calculus III	(5)
q) PHYSICS 9A Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
			Calculus	
		PHYS 4B &	General Physics with	(5)
			Calculus	
		PHYS 4C	General Physics with	(5)
			Calculus	
q) PHYSICS 9B Classical Physics	(5)	PHYS 4A &	General Physics with	(5)
			Calculus	
		PHYS 4B &	General Physics with	(5)
			Calculus	
		PHYS 4C	General Physics with	(5)
			Calculus	

### QUANTITATIVE/GEOPHYSICS OPTION:

MATH 21D MATH 22A	Vector Analysi Linear Algebra		4)   MATH 3)   MATH	3C 3E	Calculus III Linear Algebra	(5) (3)
q) PHYSICS 9	9A Classical	Physics (5	5) PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4в <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4C	General Physics with Calculus	(5)
q) PHYSICS 9	9B Classical	Physics (5	5) PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4C	General Physics with Calculus	(5)
q) PHYSICS 9	9C Classical	Physics (5	5) PHYS	4A <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4C	General Physics with Calculus	(5)

END OF MAJOR

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

GERMAN	1	Elementary German	(5)   NO	COMPARABLE	COURSE
GERMAN	2	Elementary German	(5) NO	COMPARABLE	COURSE
GERMAN	3	Elementary German	(5) NO	COMPARABLE	COURSE
GERMAN	20	Intermediate German	(4) NO	COMPARABLE	COURSE
GERMAN	21	Intermediate German	(4) NO	COMPARABLE	COURSE
GERMAN	22	Intermediate German	(4) NO	COMPARABLE	COURSE

END OF MAJOR

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

## Special Advising Note:

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

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

General Catal	-	are detailed in the UC Davis 2018-19 arts for <u>AP</u> and <u>IB</u> are also
GDISBIO 90	Intro Global Disease Bio	(1) NO COURSE ARTICULATED: College has not  submitted course(s)for articulation
SCI&SOC 13	Disease and Society	(3) NO COURSE ARTICULATED:College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1A General Biology (5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOL 1B General Biology (5)
BIOLSCI 2C	Intro Biology:	(5) BIOL 1A & General Biology (5)
	Biodiversity & the Tree of Life	BIOL 1B General Biology (5)
	enl Chemistry enl Chemistry	(5) CHEM 1A General Chemistry (5) (5) CHEM 1A <u>&amp;</u> General Chemistry (5)

CHEM 2CGenl ChemistryCHEM 1BGeneral ChemistryCHEM 2CGenl Chemistry(5) CHEM 1BGeneral Chemistry (5) (5) _____ CHEM 8AOrganic Chem-Brief(2) |NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) |NO COMPARABLE COURSE OR OR CHEM 118AOrg Chem, Hlth & Sci(4)CHEM 12AOrganic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 12AOrganic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(5)(5)(5)CHEM 12BOrganic Chemistry(5)(5) _____ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not MATH 17CCalculus for BioSci|submitted course(s) for articulationMATH 17CCalculus for BioSci(4) |NO COURSE ARTICULATED: College has notIsubmitted course(a)for articulation submitted course(s) for articulation submitted course(s) for articulation _____ h) PHYSICS 7A General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) h) PHYSICS 7B General Physics (4) PHYS 3A & General Physics PHYS 3B General Physics (5) (5)

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

END OF MAJOR

h) This articulation is series-for-series only.

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

Education(GE) Note:

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

	Africa to 1900 Africa Today	(4) NO COURSE ARTICULATED (4) NO COURSE ARTICULATED				
B. ASIA						
HISTORY 9A	East Asian Civ	(4)   NO COMPARABLE COURSE (4)   NO COMPARABLE COURSE (4)   NO COMPARABLE COURSE				
C. EUROPE						
HISTORY 4A HISTORY 4B	Western Civ Western Civ	<pre>(4)  NO COMPARABLE COURSE (4)  HIST 2A &amp; History of European (3)</pre>				
HISTORY 4C	Western Civ	(4) HIST 2B History of European (3) Civilization				
	D. LATI	IN AMERICA				
HISTORY 7A	Latin America to 1700	(4)  NO COURSE ARTICULATED: College has not  submitted course(s) for articulation				
HISTORY 7B	Latin America 1700-1900	) (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
HISTORY 7C	Latin America 1900-Present	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation				
HISTORY 6		<b>DLE EAST</b> (4) NO COURSE ARTICULATED: College has not				

|submitted course(s) for articulation

1500-Present

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

submited course(s)for articulation

(4) NO COURSE ARTICULATED

#### F. UNITED STATES

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HISTORY 17A U.S. History	(4)   HIST 7A History of the United (3)   States (to 1877)
HISTORY 17B U.S. History	(4)   HIST 7B History of the United (3) States (since 1865)
HISTORY 18A Race in America to 1865	(4) NO COURSE ARTICULATED
HISTORY 72A Am Women & Gender	(4) NO COMPARABLE COURSE
HISTORY 72B Am Women & Gender	(4) NO COMPARABLE COURSE
HISTORY 80 US in the Middle East	(2)   NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
HISTORY 85 Nat,Man&Mach/Amer	(4) NO COMPARABLE COURSE
G.	WORLD
G. HISTORY 1 Introduction to History	
	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 1 Introduction to History	<pre>(2)  NO COURSE ARTICULATED: College has not  submitted course(s)for articulation (4)  NO COURSE ARTICULATED</pre>
HISTORY 1 Introduction to History HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World	<pre>(2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation (4) NO COURSE ARTICULATED (4) NO COMPARABLE COURSE</pre>
HISTORY 1 Introduction to History HISTORY 2 Intro History of Science HISTORY 3 Cities: Survey of World Cultures	<pre>(2) NO COURSE ARTICULATED: College has not submitted course(s)for articulation (4) NO COURSE ARTICULATED (4) NO COMPARABLE COURSE (4) HIST 3A World History to 1500 (3)</pre>

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

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## Special Advising Note:

HISTORY 11

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:

Hist Jewish People

HISTORY 13 Global Sexualities (4) NO COURSE ARTICULATED HISTORY 14 Hist Global Capitalism (4) NO COURSE ARTICULATED

HISTORY 90 Research in History (4) NO COURSE ARTICULATED

HISTORY 12 Food and History

HISTORY 20 The Vietnam War

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

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

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

## Select two of the following courses:

ANTHRO 1	Human Evol Biol	(4)   ANTHR 1	Introduction to	(3)
			Physical Anthropology	
ANTHRO 2	Cultural Anthropology	(5) ANTHR 3	Introduction to Social	(3)
			and Cultural	
			Anthropology	

# Select one course from:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
	OR		OR
BIOLSCI 10	Everyday Biology <b>OR</b>	(4)	BIOL 10 Introduction to Biology (4) OR
MIC BIO 10	Natural History of Infectious Diseases	(3)	BIOL 3 Microbiology (5)
	OR		OR
NE PH B 12	Human Brain and Disease	(3)	NO COMPARABLE COURSE
MOL&CB 10	Intro Human Heredity	(4)	NO COMPARABLE COURSE
	Select on	e co	purse from:
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United (3) States (to 1877)
	OR		OR
HISTORY 17B	U.S. History	(4)	HIST 7BHistory of the United (3)States (since 1865)
	OR		OR
HISTORY 72A	Am Women & Gender <b>OR</b>	(4)	NO COMPARABLE COURSE
HISTORY 72B	Am Women & Gender <b>OR</b>	(4)	NO COMPARABLE COURSE OR
POL SCI 1	Amer Natl Govt	(4)	POSCI 1Government and Politics (3)in the United States

# Select two of the following courses:

PHILOS 15 PHILOS 30 PHILOS 31 PHILOS 32 PHILOS 38	Intro Philos of Sci Scientific Reason Scientific Change Intro Philos of Biol	(4) (4) (4) (4) (4) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE	3)
	Elem Human Physio		•	
			PSYCH 1A Introduction to (   General Psychology	3)
	Select one of the	foll	owing options:	
PSYCH 41			PSYCH 28Introduction to(Research Methods inPsychology	3)
	OR		OR	
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120 Introduction to ( Research Methods	3)
	AND		AND	
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5)	NO COMPARABLE COURSE	
STATIST 10	Statist Thinking <b>OR</b>	(4)	NO COMPARABLE COURSE	
	Elementary Statistics STATIST 13Y		-	4)

END OF MAJOR

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

## Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ BIOLSCI 2A Intro Biology:Life on (5)|BIOL 1A General Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1B General Biology & Evolution (5) _____ CHEM 2AGenl Chemistry(5)CHEM 1AGeneral Chemistry(5)CHEM 2BGenl Chemistry(5)CHEM 1A $\underline{\mathbf{\&}}$ General Chemistry(5)CHEM 1B General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry (5) _____ q) PHYSICS 9A Classical Physics (5) PHYS 4A  $\underline{\&}$  General Physics with (5) Calculus PHYS 4B & General Physics with (5) Calculus PHYS 4C General Physics with (5) Calculus q) PHYSICS 9B Classical Physics (5) PHYS 4A & General Physics with (5) Calculus PHYS 4B & General Physics with (5) Calculus PHYS 4C General Physics with (5) Calculus q) PHYSICS 9C Classical Physics (5) PHYS 4A & General Physics with (5) Calculus PHYS 4B & General Physics with (5) Calculus PHYS 4C General Physics with (5) Calculus _____ MATH 21ACalculus(4) | MATH 3ACalculus I(5)MATH 21BCalculus(4) | MATH 3BCalculus II(5)MATH 21CCalculus(4) | MATH 3CCalculus III(5)MATH 21DVector Analysis(4) | MATH 3CCalculus III(5)MATH 22ALinear Algebra(3) | MATH 3ELinear Algebra(3)MATH 22BDifferntl Equations(3) | MATH 3FDifferential Equations(3) _____ GEOLOGY 50Physical Geology(3) |GEOL 10Introduction to Geology (3)GEOLOGY 50LPhysical Geol Lab(2) |NO COMPARABLE COURSE ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE END OF MAJOR

q) This is a series-by-series articulation, not course-by-course. If

students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

# ====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

# Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

CCC transfer students who have successfully completed the IGETC lower-division

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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  $\underline{General\ Catalog}$ . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

	Intro Intl Ag Development		NO COMPARABLE COURSE   
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
	Soils in Our Environment		NO COMPARABLE COURSE 
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics) AND
ECON 1B		(4)	ECON 1 Principles of Economics (3) (Macro-Economics)
	Elementary Statistics : STATIST 13Y OR	(4)	MATH 13 Introduction to (4) Statistics
	Intro Social Rsch	(5)	
	Short Calculus	(3)	MATH 16A Calculus for Business (3)   and the Life and   Social Sciences   OR
			MATH 3A Calculus I (5)
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
	SIX OUARTER	UNITS	FROM THE FOLLOWING:
AGRESEC 15	Pop,Envr,World Agri		
	Domestic Ani Prod		NO COMPARABLE COURSE
AN SCI 41L			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)	NO COMPARABLE COURSE
PL SCI 1		(3)	NO COMPARABLE COURSE
PL SCI 15	Intro Sustainable		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

### FOREIGN LANGUAGE REQUIREMENT:

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Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See <u>http://llc.ucdavis.edu/foreign-language-placement-</u> <u>exams</u>. 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 1A General Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1B General Biology & Evolution (5) (5) CHEM 1A General Chemistry CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5) _____ TRADE AND ECONOMIC DEVELOPMENT OPTION: MATH 16B Short Calculus (3) MATH 16B Calculus for Business (3) and the Life and Social Sciences OR MATH 3B Calculus II (5)SOCIOL 1 Intro Sociology (5) SOC 1 Introduction to Sociology (3) OR OR (5) ANTHR 3 Introduction to Social (3) ANTHRO 2 Cultural Anthropology and Cultural Anthropology AGRESEC 15 Pop, Envr, World Agri (4) NO COMPARABLE COURSE _____ ENVIRONMENTAL ISSUES OPTION: BIOLSCI 2A Intro Biology:Life on (5) BIOL 1A General Biology (5) Earth BIOLSCI 2B Intro Biology: Ecology (5) BIOL 1B General Biology (5) & Evolution ENV S&P 1 Env Analysis (4) |BIOL 13 Principles of Ecology (3) _____ RURAL COMMUNITIES OPTION: SOCIOL 1 Intro Sociology (5) SOC 1 Introduction to Sociology (3) ANTHRO 2 Cultural Anthropology (5) ANTHR 3 Introduction to Social (3) and Cultural Anthropology _____

END OF MAJOR

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

## Transfer Admission Guarantee (TAG) Note:

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.

## 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

ANTHRO 2 Cultural Anthropology	(5) ANTHR 3 Introduction to Social (3 and Cultural Anthropology OR	3)
ECON 1A Princ of Microecon	(4) ECON 2 Principles of Economics (3 (Micro-Economics)	3)
ECON 1B Princ of Macroecon	(4) ECON 1 Principles of Economics (3 (Macro-Economics)	3)
HISTORY 4C Western Civ	(4) HIST 2B History of European (3   Civilization   OR	3)
HISTORY 10C World History III	••••	3)
POL SCI 2 Intro Comp Politics	(4)   POSCI 2 Comparative Government (3	3)
POL SCI 3 Internatl Relations	(4) POSCI 3 International (3   Relations   OR	3)
	POSCI 20 Global Issues (3	3)
POL SCI 12Y Data Visualization Same as: COMUNCN 12Y, PSYCH 12Y su SOCIOL 12Y	(4)  NO COURSE ARTICULATED: College has no abmitted course(s)for articulation	 ot
OR	OR	

	Elementary Statistics	(4) MATH 13 Introduction to (4)
Same as:	STATIST 13Y	Statistics
	OR	OR
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE
POL SCI 51	Scientific Study of Politics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

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

ARABIC 1	Elementary Arabic	(5)	ARAB 1A Elementary Modern (5)
		(	Standard Arabic
ARABIC 2	Elem Arabic	(5)	ARAB 1A & Elementary Modern (5)
			Standard Arabic
			ARAB 1B Elementary Modern (5)
		( = )	Standard Arabic
ARABIC 3	Elem Arabic	(5)	ARAB 1B Elementary Modern (5)
10100			Standard Arabic
ARABIC 21	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
		(	submitted course(s) for articulation
ARABIC 22	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ARABIC 23	Intermed Arabic	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
		(	OR
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE		( - )	NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
)	OR	( = )	OR
x) CHINESE	-		NO COMPARABLE COURSE
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
)	OR	( = )	OR
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE		(5)	NO COMPARABLE COURSE
x) CHINESE	II 3BL Accl Wrtn Chinese	(E)	
X) CUINESE	III	(5)	NO COMPARABLE COURSE
	OR		OR
FRENCH 1	Elementary French	(5)	FREN 1A Elementary French (5)
FRENCH 2	Elementary French		FREN 1A & Elementary French $(5)$
	Elementary recited	())	FREN 1B Elementary French (5)
FRENCH 3	Elementary French	(5)	FREN 1BElementary French(5)
FRENCH 21	Intermed French		NO COMPARABLE COURSE
			1
FRENCH 22	Intermed French		NO COMPARABLE COURSE
-	Intermed French <b>OR</b>	(5)	NO COMPARABLE COURSE
GERMAN 1	Intermed French <b>OR</b> Elementary German	(5)	NO COMPARABLE COURSE OR NO COMPARABLE COURSE
GERMAN 1 GERMAN 2	Intermed French OR Elementary German Elementary German	(5) (5) (5)	NO COMPARABLE COURSE OR NO COMPARABLE COURSE NO COMPARABLE COURSE
GERMAN 1 GERMAN 2 GERMAN 3	Intermed French OR Elementary German Elementary German Elementary German	(5) (5) (5) (5)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE
GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	Intermed French OR Elementary German Elementary German Intermediate German	(5) (5) (5) (5) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE
GERMAN 1 GERMAN 2 GERMAN 3	Intermed French OR Elementary German Elementary German Elementary German	(5) (5) (5) (5) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE
GERMAN 1 GERMAN 2 GERMAN 3 GERMAN 20	Intermed French OR Elementary German Elementary German Intermediate German Intermediate German	(5) (5) (5) (4) (4)	NOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSENOCOMPARABLECOURSE

HEBREW 2	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3	Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 21	Intermed Modern Hebrew I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HEBREW 22	Intermed Modern Hebrew II	(4)	NO COURSE ARTICULATED: College has not
HEBREW 23	Intermed Modern Hebrew III OR	(4)	submitted course(s) for articulation  NO COURSE ARTICULATED   OR
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HIN-URD 21	Intermed Hindi/Urdu I	(4)	NO COURSE ARTICULATED: College has not
HIN-URD 22	Intermed Hindi/Urdu II	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HIN-URD 23	Intermed Hindi/Urdu III	(4)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not</pre>
	OR	( )	submitted course(s) for articulation OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 4	Interm Italian	(4)	NO COMPARABLE COURSE
ITALIAN 5	Interm Italian	(4)	NO COMPARABLE COURSE
	OR		OR
ITALIAN 1	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 2	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 3	Elementary Italian	(5)	NO COMPARABLE COURSE
ITALIAN 8A	Italian Convers	(3)	NO COMPARABLE COURSE
ITALIAN 8B	Italian Convers	(3)	NO COMPARABLE COURSE
	OR		OR
y) JPNESE 1	-		NO COMPARABLE COURSE
y) JPNESE 2	-	• •	NO COMPARABLE COURSE
y) JPNESE 3	-		NO COMPARABLE COURSE
y) JPNESE 4	-	. ,	NO COMPARABLE COURSE
y) JPNESE 5		• •	NO COMPARABLE COURSE
y) JPNESE 6	_	(5)	NO COMPARABLE COURSE
DODELLO 1	OR	(	
PORTUG 1 PORTUG 2	Elementary Portuguese		PORT 1A Elementary Portuguese (5)
PORIUG Z	Elementary Portuguese	(5)	PORT 1A & Elementary Portuguese (5)
		( _ )	PORT 1B Elementary Portuguese (5)
PORTUG 3	Elementary Portuguese		PORT 1B Elementary Portuguese (5)
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian		NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5)	NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4)	NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian		NO COMPARABLE COURSE

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

	OR			OR	
SPANISH 1	Elementary Spanish	(5)   SPA	N 1A	Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5)   SPA	N 1A <u>&amp;</u>	Elementary Spanish	(5)
		SPA	N 18	Elementary Spanish	(5)

SPANISH 3	Elementary Spanish	(5)	SPAN 1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 2A <u>&amp;</u>	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 22	Intm Spanish	(5)	SPAN 2A <u>&amp;</u>	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARA	BLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A	Spanish for Bilingual	(5)
				Speakers I	
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 22B	Spanish for Bilingual	(5)
			İ	Speakers II	

Advising Note: Transfer students are strongly encouraged to review the structure of the major and be cognizant of any changes made to the curriculum of the program and/or specific tracks within the major. Certain upper-division courses require completion of prerequisite courses. In addition, the international relations major offers several options for completing upper-division coursework for the major. There are upper-division economics courses in some of the options that require calculus as a prerequisite. Consult the UC Davis General Catalog, available online, or consult an advisor to learn if the option you will choose contains economics courses with a calculus prerequisite.

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#### END OF MAJOR

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

#### ====Italian A.B.====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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

ITALIAN 1Elementary Italian(5) NOCOMPARABLECOURSEITALIAN 2Elementary Italian(5) NOCOMPARABLECOURSEITALIAN 3Elementary Italian(5) NOCOMPARABLECOURSEITALIAN 4Interm Italian(4) NOCOMPARABLECOURSEITALIAN 5Interm Italian(4) NOCOMPARABLECOURSEITALIAN 9Reading Italian(4) NOCOMPARABLECOURSE

RECOMMENDED: Study abroad in Italy for a period of one year, one semester, or one quarter, and/or the study of Latin or another Romance language.

#### ______

END OF MAJOR

#### ====Japanese A.B.====

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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## Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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

y) JPNESE 1	Elem Japanese	(5)   NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese	(5) NO COMPARABLE COURSE
y) JPNESE 3	Elem Japanese	(5) NO COMPARABLE COURSE
y) JPNESE 4	Inter Japanese	(5) NO COMPARABLE COURSE
y) JPNESE 5	Inter Japanese	(5) NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)   NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10	Masterworks in English	(4) NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in	(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	
LINGUIS 1	Intro Linguistics	(4) ANTHR 18 Introduction to (3)
		Anthropological
		Linguistics
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.

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

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

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#### PRE-MAJOR REQUIREMENT:

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

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ COMUNCN 1 Intro Public Spkg (4) COMM 45 Public Speaking (3) _____ ENGLISH 3 Intro to Lit (4) ENGL 1B Composition and Reading (4) OR OR OR OR UWRITING 1 Expository Writing (4) ENGL 1A Composition and Reading (4) OR OR UWRITING 48 Style in the Essay (4) NO COMPARABLE COURSE Formerly UWRITING 18 OR OR UWRITING 49 Writing Research Papers (4) NO COMPARABLE COURSE Formerly UWRITING 19 _____ BIOLSCI 2B Intro Biology: Ecology (5)|BIOL 1B General Biology (5) & Evolution _____ _____ ENVHORT 6 Intro Environ Plants (4) | NO COMPARABLE COURSE _____ ONE COURSE FROM THE FOLLOWING: MATH 16A Short Calculus (3) MATH 16A Calculus for Business (3) and the Life and Social Sciences STATIST 13 Elementary Statistics (4) MATH 13 Introduction to Statistics (4) Statistics (5) (4) ENG CS 32AIntro to Programming(4)NO COURSE ARTICULATED: College has notFormerly ENG CS 10submitted course(s) for articulation _____ _____

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

CHEM 2A Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 10 Concept of Chem (4) NO COMPARABLE COURSE PHYSICS 1A Principles Physics (3) NO COMPARABLE COURSE PHYSICS 10 Topics,Nonscientists (4) PHYS 10 Introduction to Physics (4) b) GEOLOGY 1 The Earth (4) GEOL 10 Introduction to Geology (3) SOILSCI 10 Soils in Our (3) NO COMPARABLE COURSE Environment Environment _____ _____ LND ARC 1 Intro Environ Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 2 Place, Culture, Community (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 3 Sustainable Development (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not LND ARC 21 Landscape Rep I Formerly Design Visualization| submitted course(s) forLND ARC 23Landscape Rep II(3) | NO COURSE ARTICULATED submitted course(s) for articulation LND ARC 30 History Environ Design (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 50 Site Ecology (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation LND ARC 60 Landform Grading Studio (6) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not LND ARC 70 Intro to Spacemaking submitted course(s) for articulation _____

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

Two courses in Social Sciences selected from the UC Davis GE/Breadth

Articulation Agreement TB: Social Sciences.

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END OF MAJOR

b) If a student takes GEOL 10 at Berkeley City College, 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 <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.

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

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

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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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

LINGUIS 1	Intro Linguistics	(4)   ANTHR 18	Introduction to	(3)
			Anthropological Linguistics	

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:

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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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### 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.

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 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 <b>OR</b>	(4)	COMM 45	Public Speaking <b>OR</b>	(3)
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	СОММ 20 	Interpersonal Communication Skills	(3)
AGRESEC 18 Business Law	(4)	BUS 2 	Introduction to Business Law	(3)
ECON 1A Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B Princ of Macroecon	(4)	ECON 1	Principles of Economics (Macro-Economics)	(3)
PL SCI 21 Computers in Technology	(3)	  NO COMPA	RABLE COURSE	
OR		İ	OR	
B) ENG CS 15 Intro to Computers	(4)	CIS 1	Introduction to Computer Information Systems	(4)
		CIS 5 	Introduction to Computer Science	(5)

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

MGMT 11A	Elem Accounting	(4) BUS 1A <u>&amp;</u> Financial Accounting  BUS 1B Managerial Accountin	
MGMT 11B	Elem Accounting	(4)   NO COMPARABLE COURSE	9 (1)
МАТН 16А	Short Calculus	(3) MATH 16A Calculus for Busin and the Life and Social Sciences	ess (3)
		<u>OR</u>  MATH 3A Calculus I	(5)
MATH 16B	Short Calculus	(3) MATH 16B Calculus for Busin and the Life and Social Sciences	. ,
		OR	( <del>-</del> )
		MATH 3B Calculus II	(5)
MATH 16C	Short Calculus	(3) MATH 16B Calculus for Busin and the Life and Social Sciences	ess (3)
		Social Sciences	

				OR			
			MA	тн Зв	Calculus II	-	(5)
	OR				OR		
MATH 17A	Calculus for 1	BioSci (4	4)   NO	COURSE	ARTICULATED:	College ha	as not
			su	bmitted	course(s) for	articulat	cion
MATH 17B	Calculus for 1	Biosci (4	4)   NO	COURSE	ARTICULATED:	College ha	as not
			su	bmitted	course(s) for	articulat	cion
	OR				OR		
MATH 21A	<b>OR</b> Calculus	( 4	 4) MA	тн За	<b>OR</b> Calculus I		(5)
MATH 21A MATH 21B			· !				(5) (5)
	Calculus		· !		Calculus I		( - <i>)</i>
	Calculus	(4	4)   MA		Calculus I	1 to	( - <i>)</i>
MATH 21B STATIST 13	Calculus Calculus	(4	4)   MA	ТН 3В	Calculus I Calculus II	n to	(5)

END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

_____ Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

Transfer Admission Guarantee (TAG) Note:

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

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 3	1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	(5) BIOL 3	1B	General Biology	(5)
BIOLSCI 2C	& Evolution Intro Biology:	(5) BIOL 3		General Biology	(5)
	Biodiversity & the Tree of Life	BIOL 1	1B	General Biology	(5)

CHEM 2A	Genl	Chemistry	/ <b>_</b>	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	Genl	Chemistry	7				General Chemistry	
					CHEM	1B	General Chemistry	(5)
CHEM 2C				(5)	CHEM	1B		(5)
MATH 16A							Calculus for Business and the Life and	(3)
							Social Sciences	
					01	-		
					!	3A		(5)
MATH 16B	Shor	t Calculu	ıs	(3)	MATH	16B	Calculus for Business	(3)
							and the Life and	
						_	Social Sciences	
					01	-		( = )
MARUI 160				(2)	MATH			(5)
MATH 16C	Shor	t Calculu	lS	(3)	MATH	TOR	Calculus for Business and the Life and	(3)
							Social Sciences	
						-	Social Sciences	
					-	<u>3</u> B	Calculus II	(5)
		OR				ЭР	OR	(5)
MATH 17A	Calc		BioSci	(4)		אדשמוור	ARTICULATED: College has	not
	care	urus ior	DIODCI	(1)			course(s) for articulation	
MATH 17B	Calc	ulus for	Biosci	(4)			ARTICULATED: College has	
	00.20		210001	( - )			course(s) for articulation	
MATH 17C	Calc	ulus for	BioSci	(4)			ARTICULATED: College has	
-				( )			course(s) for articulati	
		OR			i		OR	
MATH 21A	Calc	ulus		(4)	MATH	3A	Calculus I	(5)
MATH 21B	Calc	ulus		(4)	MATH	3B	Calculus II	(5)
MATH 21C	Calc	ulus		(4)	MATH		Calculus III	(5)
n) PHYSICS	5 /A	General	Physics	(4)	PHYS	3A &		(5)
		<b>G</b> 1		( 1 )	PHYS	3B 37 6	General Physics General Physics	(5)
n) PHYSICS	5 /B	General	Physics	(4)	PHYS	3A <u>&amp;</u>		(5)
		Com 7	Dharadar					(5)
n) PHYSICS	5 /C	General	Physics	(4)			-	(5)
The day 10 1 1							General Physics	(5)
							entire physics series at	/D /~
their comm	lunity	correde (	inat is equiv	aren	τ το t	the ei	ntire UC Davis Physics 7A	/B/C

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	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS 	4B <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS	4C	General Physics with (5) Calculus	
q) PHYSICS 9B	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS	4B <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS	4C	General Physics with (5) Calculus	
q) PHYSICS 9C	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS	4B <u>&amp;</u>	General Physics with (5) Calculus	
			PHYS	4C	General Physics with (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

h) This articulation is series-for-series only.

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

### ====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 UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. _____ Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

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

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

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

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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology	( 5 )		1 🗗	General Biology	( )
BIOTPCI 78	& Evolution	(5)		TB	General Biology	(5)
BIOLSCI 2C	Intro Biology:	(5)	BIOL	1A &	General Biology	(5)
	Biodiversity & the Tree		BIOL	1B	General Biology	(5)

of Life	
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
	CHEM 1B General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
AND	AND
CHEM 8A Organic Chem-Brief	(2) NO COMPARABLE COURSE
CHEM 8B Organic Chem-Brief	(4) NO COMPARABLE COURSE
MATH 17A Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
0.5	submitted course(s) for articulation
OR	
MATH 21A Calculus	(4) MATH 3A Calculus I (5)
MATH 21B Calculus	(4)   MATH 3B Calculus II (5)
h) PHYSICS 7A General Physics	(4)   PHYS 3A & General Physics (5)
II) FILIDICS /A General Filysics	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	
II, IIIIDICO / D General Filysics	PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A & General Physics (5)
ii, iiiibieb /e General iiiybieb	PHYS 3B General Physics (5)
	THIS 3D General Hysics (3)

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.

phybrob.	OR				OR
q) PHYSICS 9A	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus
q) PHYSICS 9C	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 	4C	General Physics with (5) Calculus

#### 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

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====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 <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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## 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	  BIOL 	1A	General Biology	(5)
BIOLSCI 2B		(5)	BIOL	1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		:			(5) (5)
CHEM 2B Ge	nl Chemistry nl Chemistry nl Chemistry	(5)	CHEM CHEM	1A <u>&amp;</u> 1B	General Chemistry	
	hort Calculus		   MATH   	16A	Calculus for Business and the Life and Social Sciences	(3)
МАТН 16В S	hort Calculus	(3)	<u>01</u>  MATH  MATH 	-	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)

MATH 16C	Short Calcul	us	(3)	<u>0</u> 1   MATH   MATH 	3в	Calculu Calculu and the Social	us for e Life	Business and	(5) (3)
				OI	-				( = )
	OR			MATH	3B	Calcul	ls II DR		(5)
MATH 17A	Calculus for	BioSci	(4)		NIRSI	ARTICULA		llege has	not
		210001	( 1)			l course(s		-	
MATH 17B	Calculus for	Biosci	(4)			ARTICULA			
			. ,			l course(s		-	
MATH 17C	Calculus for	BioSci	(4)	NO CO	DURSI	ARTICULA	red: Co	llege has	not
				submi	itteo	l course(s	) for a	rticulati	on
	OR					-	OR		
MATH 21A	Calculus		• •	!		Calculus			(5)
	Calculus		. ,	1		Calculus			(5)
MATH 21C	Calculus		(4)	MATH	3C	Calculus	s III		(5)
h) PHYSICS	7A General	Physics	(4)	   phys	 3	General	Physic	 'g	(5)
11, 11110100		111/0100	( 1)	PHYS	-	-			(5)
h) PHYSICS	7B General	Physics	(4)		-	General	-		(5)
		-		PHYS					(5)
h) PHYSICS	7C General	Physics	(4)	PHYS	3A <b>8</b>	General	Physic	s	(5)
				PHYS	3B	General	Physic	s	(5)
It is highl	It is highly recommended that students complete an entire physics series at								

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

<u> </u>	OR			OR
q) PHYSICS 9A	Classical Physics	(5)	phys 4a <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 4C	General Physics with (5) Calculus
q) PHYSICS 9B	Classical Physics	(5)	phys 4a <u>&amp;</u> 	General Physics with (5) Calculus
			PHYS 4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 4C 	General Physics with (5) Calculus
q) PHYSICS 9C	Classical Physics	(5)	PHYS 4A <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 4B <u>&amp;</u>	General Physics with (5) Calculus
			PHYS 4C 	General Physics with (5) Calculus
			· 	

## 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	r articulation

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. Τf students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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

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

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

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Students must identify an area of focus in order to select the appropriate major/college pairing on the UC application for undergraduate admission and scholarships. A student's chosen focus area will determine the college into which the student is admitted, the college where the degree is awarded, and the associated department: -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy) -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology) -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology) -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences) Visit http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/ for details regarding the marine and coastal science undergraduate major. _____

Transfer Admission Guarantee (TAG) Note:

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

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

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

	alog . Quick reference cha rom our TAG website.	rts	for $\underline{AP}$ and $\underline{IB}$ are also
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology (5)
BIOLSCI 2B		(5)	  BIOL 1B General Biology (5) 
BIOLSCI 2C	Intro Biology:		BIOL 1A <u>&amp;</u> General Biology (5) BIOL 1B General Biology (5)
CHEM 2A C	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
CHEM 2B C	Genl Chemistry	(5)	CHEM 1A&General Chemistry(5)CHEM 1BGeneral Chemistry(5)
		( - )	CHEM IB General Chemistry (5)
CHEM 2C C	Genl Chemistry		CHEM 1B General Chemistry (5)
матн 16а	Short Calculus		MATH 16A Calculus for Business (3)   and the Life and   Social Sciences   OR
			MATH 3A Calculus I (5)
матн 16в	Short Calculus		MATH 16B Calculus for Business (3)
MAIN 10D	Shore carcuras	(5)	and the Life and
			Social Sciences
			OR
			MATH 3B Calculus II (5)
MATH 160	Short Calculus	(3)	MATH 16B Calculus for Business (3)
MAIN 10C	Short Carcurus	(5)	and the Life and
			Social Sciences
			OR
			MATH 3B Calculus II (5)
	OR		OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		( = )	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
		( )	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		. ,	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 3A Calculus I (5)
MATH 21B	Calculus		MATH 3B Calculus II (5)
MATH 21C	Calculus	(4)	MATH 3C Calculus III (5)
			· 
h) PHYSICS 7	A General Physics	(4)	PHYS 3A & General Physics (5)
			PHYS 3B General Physics (5)
h) PHYSICS 7	7B General Physics	(4)	PHYS 3A & General Physics (5)
			PHYS 3B General Physics (5)
h) PHYSICS 7	C General Physics	(4)	PHYS 3A & General Physics (5)
			PHYS 3B General Physics (5)
It is highly	recommended that student	s co	mplete an entire 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.

	OR				OR	
q) PHYSICS 9A	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4C	General Physics with Calculus	(5)
q) PHYSICS 9B	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with	(5)

				45.	Calculus Concord Dhanian with	
			PHYS	48 <u>&amp;</u>	General Physics with Calculus	(5)
			PHYS	4C	General Physics with Calculus	(5)
q) PHYSICS 9C	Classical Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with	(5)
					Calculus	
			PHYS	4B <u>&amp;</u>	General Physics with	(5)
					Calculus	
			PHYS 	4C	General Physics with Calculus	(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

- h) This articulation is series-for-series only.
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

====Materials Science & Engineering B.S.====

### Special Advising Note:

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

## IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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#### General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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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 <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.

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

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

## Recommended Language Preparation Note:

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	МАТН ЗА	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has	
			submitted	course(s) for articulati	on
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
MATH 21D	Vector Analysis	(4)	MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH 3F	Differential Equations	(3)

MATH 22AL Lin Alg Comp Lab

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

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

BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 3E Linear Algebra (3) AND 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

 

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

 ENG CS 32A
 Intro to Programming(4) Formerly ENG CS 10
 NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 ENGIN 6
 Engr Prob Solving
 (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 END OF MAJOR
 (4) | NO COMPARABLE COURSE

## ====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 <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:

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

### Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the UC Davis General

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<u>Catalog</u> for additional information about the Foreign Language and Area Requirements, College of Letters and Science.

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

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

MATH 21A	Calculus	(4)   M	атн За	Calculus I	(5)
MATH 21B	Calculus			Calculus II	(5)
MATH 21C	Calculus	(4) M	АТН ЗС	Calculus III	(5)
MATH 21D	Vector Analysis	(4) M	ATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)   M	ATH 3F	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab			ARTICULATED: College has	
				course(s) for articulation	on
	or equivalent basic b				
	c knowledge of MATLAB is n	-			
	it on their own, enroll in				5 or
in the one	unit course Mathematics 2	22AL (mag	y be take	en concurrently).	
	BOTH OF TH			 3FS•	
MATH 22A				Linear Algebra	(3)
	3	(0)		AND	(0)
	AND			AND	
MATH 108		(4) T]	his cours	se must be taken at UC Da	avis
MATH 108		(4) T	his cours		avis
MATH 108				se must be taken at UC Da	avis
MATH 108 MATH 67	Intro Abstract Math	<b>THE FOL</b> : (4)   N	<b>LOWING CO</b> O COURSE	se must be taken at UC Da DURSE: ARTICULATED: College has	s not
	Intro Abstract Math OR SELECT	<b>THE FOL</b> : (4)   N	<b>LOWING CO</b> O COURSE	se must be taken at UC Da	s not
MATH 67	Intro Abstract Math OR SELECT Modern Linear Algebra	THE FOL: (4) N(  s)	LOWING CO O COURSE ubmitted	se must be taken at UC Da DURSE: ARTICULATED: College has course(s) for articulat:	s not Lon
MATH 67  ENG CS 32A	Intro Abstract Math OR SELECT Modern Linear Algebra Intro to Programming(4)	THE FOL: (4) N(  S)	LOWING CO O COURSE ubmitted O COURSE	Se must be taken at UC Da DURSE: ARTICULATED: College has course(s) for articulat: ARTICULATED: College has	s not ion  s not
MATH 67  ENG CS 32A	Intro Abstract Math OR SELECT Modern Linear Algebra Intro to Programming(4) ly ENG CS 10	THE FOL: (4) N(  S)	LOWING CO O COURSE ubmitted O COURSE	Se must be taken at UC Da DURSE: ARTICULATED: College has course(s) for articulat: ARTICULATED: College has course(s)for articulation	s not ion  s not
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MATH 67 ENG CS 32A Former ENGIN 6  ECON 1A	Intro Abstract Math OR SELECT Modern Linear Algebra Intro to Programming(4) ly ENG CS 10 OR Engr Prob Solving	THE FOL: (4)   N(   ST   N(   ST   (4)   N( (4)   N( (4)   E(   (4)   E(	LOWING CO O COURSE ubmitted O COURSE ubmitted O COMPARA CON 2	Se must be taken at UC Da DURSE: ARTICULATED: College has course(s) for articulat: ARTICULATED: College has course(s)for articulation OR ABLE COURSE Principles of Economics	s not ion s not on (3)
MATH 67 ENG CS 32A Former ENGIN 6  ECON 1A	Intro Abstract Math OR SELECT Modern Linear Algebra Intro to Programming(4) ly ENG CS 10 OR Engr Prob Solving Princ of Microecon	THE FOL: (4)   N(   ST   N(   ST   (4)   N( (4)   N( (4)   E(   (4)   E(	LOWING CO O COURSE ubmitted O COURSE ubmitted O COMPARA CON 2	Se must be taken at UC Da DURSE: ARTICULATED: College has course(s) for articulat: ARTICULATED: College has course(s)for articulation OR ABLE COURSE Principles of Economics (Micro-Economics)	s not ion s not on (3)
MATH 67 ENG CS 32A Former ENGIN 6 ECON 1A ECON 1B	Intro Abstract Math OR SELECT Modern Linear Algebra Intro to Programming(4) ly ENG CS 10 OR Engr Prob Solving Princ of Microecon	THE FOL: (4)   N(   S;   N(   S;   (4)   N( (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   E(   (4)   (4)   E(   (4)   (4)   E(   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)   (4)	LOWING CO O COURSE ubmitted O COURSE ubmitted O COMPARA CON 2 CON 1	Se must be taken at UC Da OURSE: ARTICULATED: College has course(s) for articulat: ARTICULATED: College has course(s)for articulation OR ABLE COURSE Principles of Economics (Micro-Economics) Principles of Economics (Macro-Economics)	s not ion s not on (3)

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 <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.

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

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

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

MATH 21A	Calculus	(4)   MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)   MATH 3F	Differential Equations	(3)

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Lin Alg Comp Lab MATH 22AL (1) NO COURSE ARTICULATED: College has not submitted course(s)for articulation or equivalent basic knowledge of MATLAB. NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). _____ BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 3E Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not MATH 67 submitted course(s) for articulation ENG CS 32A Intro to Programming(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Formerly ENG CS 10 OR OR ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

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## 12 QUARTER UNITS OF ADDITIONAL NON-MATHEMATICS COURSES CHOSEN FROM NATURAL SCIENCES

END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

# 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.

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

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

## Recommended Language Preparation Note:

Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the <u>UC Davis General</u> <u>Catalog</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)	MATH	3A	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	3в	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	3C	Calculus III	(5)
MATH 22B	Differntl Equations	(3)	MATH	3F	Differential Equations	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO CO	URSE	ARTICULATED: College has	not
			submi	tted	course(s) for articulatic	'n
		-				

### or equivalent basic knowledge of MATLAB.

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

	BOTH OF	THE FOLLOW	ING CO	URSES:		
MATH 22A	Linear Algebra	(3) M	IATH 3E	Linear A	lgebra	(3)
	AND			AN	D	
MATH 108	Intro Abstract Math	(4) T	This co	urse must be	taken at	UC Davis

MATH 67 Mode	<b>OR SELECT</b> rn Linear Algebra		NO CC	URSE	DURSE: ARTICULATED: College has course(s) for articulation			
ENG CS 32A Int: Formerly EN	ro to Programming(4) G CS 10 <b>OR</b>				ARTICULATED: College has course(s)for articulation			
ENGIN 6 Engr	Prob Solving	(4)	NO CC	MPARA	BLE COURSE			
Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.								
	PLAN 1: GENERAL	MATHE	MATICS	3				
q) PHYSICS 9A	Classical Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)		
			PHYS	4B <u>&amp;</u>	General Physics with Calculus	(5)		
			PHYS		General Physics with Calculus	(5)		
	PLAN 2: MATHEM	ATICS	FOR SE	CONDA	RY TEACHING			
h) PHYSICS 7A	General Physics	(4)	PHYS   PHYS	_	General Physics General Physics	(5) (5)		
	OR				OR			
q) PHYSICS 9A	Classical Physics	(5)	PHYS 	4a <u>&amp;</u>	General Physics with Calculus	(5)		
			PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)		
			PHYS	4C	General Physics with Calculus	(5)		
STATIST 13 E Same as: STA	OR lementary Statistics TIST 13Y OR	(4)	  MATH   	13	OR Introduction to Statistics OR	(4)		

- END OF MAJOR
- q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.
- h) This articulation is series-for-series only.

====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/

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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 <u>transfer admission website</u> 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:

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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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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END OF MAJOR

## ====Medieval and Early Modern Studies A.B.==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <u>http://tag.ucdavis.edu</u> 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MEDV-ST 20A	Medieval Culture	(5)	NO COMPARABLE COURSE
MEDV-ST 20B	Medieval Culture	(5)	NO COMPARABLE COURSE
	THREE COURSES	FROM	THE FOLLOWING:
ARTHI 1B	Mediev&Renaiss Art	(4)	NO COMPARABLE COURSE
ARTHI 1C	Baroque to Modern Art		NO COMPARABLE COURSE
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages to Enlightenment	(4)	NO COMPARABLE COURSE
COMPLIT 10A	-	(2)	NO COURSE ARTICULATED: College has not
00111 1011		(2)	submitted course(s) for articulation
COMPLIT 10B	Master Authors	(2)	NO COURSE ARTICULATED: College has not
		( = )	submitted course(s) for articulation
COMPLIT 10C	Master Authors	(2)	NO COURSE ARTICULATED: College has not
		( )	submitted course(s) for articulation
COMPLIT 10D	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 10E	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
ENGLISH 10A	Literatures in English	n (4)	ENGL 85A Literature in English (4)
	I: To 1700		through Milton
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ		NO COMPARABLE COURSE
HISTORY 4B	Western Civ	(4)	HIST 2A <u>&amp;</u> History of European (3)   Civilization
			HIST 2B History of European (3) Civilization
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 20AHistory of Ancient(3)Greek Philosophy
PHILOS 22	Phil Classics: Modern	(4)	PHIL 20BHistory of Modern (3)European Philosophy

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

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

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

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General	Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General	Biology	(5)
BIOLSCI 2C	Intro Biology:					(5)
	Biodiversity & the Tree of Life		BIOT IR	General	BIOLOGY	(5)
	nl Chemistry				Chemistry	(5)
CHEM 2B Ge	nl Chemistry	(5)			Chemistry Chemistry	(5) (5)
	ganic Chem-Brief					
CHEM 8B Or	ganic Chem-Brief <b>OR</b>	(4)	NO COMPARA		SE DR	
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci				c Chemistry c Chemistry	(5) (5)
CHEM 110B	org chem, fich & Scr	(4)	CHEM 12A CHEM 12B		c Chemistry	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 12B	Organio	C Chemistry	(5)
MATH 17A C	alculus for BioSci	(4)			TED: College has ) for articulati	
МАТН 17В С	alculus for Biosci	(4)	NO COURSE	ARTICULAT	TED: College has	not
	OR		submitted		) for articulati <b>DR</b>	on
MATH 21A C			MATH 3A			(5)
MATH 21B C	alculus	(4)	MATH 3B	Calculus	3 II 	(5)
	Principles Physics	• •	NO COMPARA			
PHYSICS 1B	Principles Physics <b>OR</b>	(3)	NO COMPARA		SE DR	
h) PHYSICS 7A	General Physics	(4)	PHYS 3A <b>&amp;</b> PHYS 3B	General	Physics	(5)
h) PHYSICS 7B	General Physics	(4)	PHYS 3B PHYS 3A <u>&amp;</u>			(5) (5)

h) PHYSICS 7C General Physics

PHYS 3BGeneral Physics(4)PHYS 3A &General Physics (5)

(5) General Physics

(5)

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.

PHYS 3B

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END OF MAJOR

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#### h) This articulation is series-for-series only.

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	General	Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General	Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life					(5) (5)
CHEM 2B Ge	nl Chemistry nl Chemistry nl Chemistry	(5)	CHEM 1B	General General	Chemistry Chemistry Chemistry Chemistry	(5)
	ganic Chem-Brief ganic Chem-Brief OR		NO COMPAR  NO COMPAR 	ABLE COURS		
CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	CHEM 12A CHEM 12A CHEM 12B CHEM 12B	<u>&amp;</u> Organio Organio	c Chemistry c Chemistry c Chemistry c Chemistry c Chemistry	(5) (5)
	alculus for BioSci		NO COURSE	ARTICULA	FED: College has for articulat.	s not
-	alculus for Biosci		NO COURSE	ARTICULA course(s	TED: College has ) for articulat	s not ion
МАТН 17С С	alculus for BioSci	(4)			TED: College has ) for articulat	

OR				OR	
MATH 21A Calculus	(4)   M	IATH I	3A	Calculus I	(5)
MATH 21B Calculus	(4) M	IATH :	3B	Calculus II	(5)
h) PHYSICS 7A General Physics	(4)   P	PHYS	 3A &	General Physics	(5)
		PHYS 3		General Physics	(5)
h) PHYSICS 7B General Physics	(4) P	PHYS	3A <u>&amp;</u>	General Physics	(5)
	P	PHYS 3	3B	General Physics	(5)
h) PHYSICS 7C General Physics	(4)   P	PHYS 3	3A <u>&amp;</u>	General Physics	(5)
	P	PHYS 3	3B	General Physics	(5)

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

MIC BIO 91 Intro Research (1) NO COURSE ARTICULATED

		RECOMMENDED:		
MATH 21C	Calculus	(4)   MATH 3C	Calculus III	(5)

END OF MAJOR

### h) This articulation is series-for-series only.

#### ====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 <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.

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

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 8 Indian Civilization (4) NO COMPARABLE COURSE _____ TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU: ARABIC 1 Elementary Arabic (5) ARAB 1A Elementary Modern (5) Standard Arabic ARABIC 2 Elem Arabic (5)|ARAB 1A 崔 Elementary Modern (5) Standard Arabic ARAB 1B Elementary Modern (5) Standard Arabic (5) ARAB 1B Elementary Modern ARABIC 3 Elem Arabic (5) Standard Arabic ARABIC 21 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 22 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation ARABIC 23 Intermed Arabic (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR HEBREW 1 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 2 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 3 Elem Hebrew (5) NO COMPARABLE COURSE HEBREW 21 Intermed Modern Hebrew I (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HEBREW 22 Intermed Modern Hebrew II (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HEBREW 23 Intermed Modern Hebrew III (4) NO COURSE ARTICULATED OR OR HIN-URD 1 Elem Hindi/Urdu I (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not HIN-URD 2 Elem Hindi/Urdu II submitted course(s) for articulation HIN-URD 3 Elem Hindi/Urdu III (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not HIN-URD 21 Intermed Hindi/Urdu I submitted course(s) for articulation HIN-URD 22 Intermed Hindi/Urdu II (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HIN-URD 23 Intermed Hindi/Urdu III (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION. _____ ADDITIONAL ELECTIVES: ARTHI 1E Islamic Art & (4) NO COURSE ARTICULATED: College has not

Architecture

submitted course(s) for articulation

CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
COMPLIT 53B	Lit of South Asia	(4)	NO COMPARABLE COURSE
COMPLIT 53C	Lit of the Islamic	(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 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 <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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#### Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MUSIC 2A	Keyboard Competence	(2) NO COMPARABLE COURSE
MUSIC 2B	Keyboard Competence	(2) NO COMPARABLE COURSE
MUSIC 2C	Keyboard Competence	(2)   NO COMPARABLE COURSE

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

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

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

MUSIC 17A	Intermediate	(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) NO COMPARABLE COURSE
MUSIC 24B	Intro Music History	(3) NO COMPARABLE COURSE
MUSIC 24C	Intro Music History	(3) NO COMPARABLE COURSE

#### END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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.

## 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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

## ONE OR TWO COURSES FROM:

n a std 5	Intro NA Literature	(4) HIST 33	History of Native	(3)
			American Thought and	
			Literature	
N A STD 12	Native Amer/Indigenous	(4)   NO COURSE	ARTICULATED: College h	as not

	Film		submitted	course(s)for articulation
N A STD 32	NA Music & Dance	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
N A STD 33	Intro NA Art	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
n a std 34	NA Art Workshop	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

## ONE OR TWO COURSES FROM:

AF-AMST 12	Intro Afro Studies	. ,	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	. ,	NO COMPARABLE COURSE
ANTHRO 2 C	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social (3)
			and Cultural
			Anthropology
ANTHRO 20	Comparative Cultures	` '	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	. ,	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian	(4)	NO COURSE ARTICULATED: College has not
	Americans		submitted course(s) for articulation
a a std 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in	(3)	NO COURSE ARTICULATED: College has not
	Environment		submitted course(s) for articulation
ENV S&P 1	0 not open for credit to a	stud	ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United (3)
			States (to 1877)
LINGUIS 1	Intro Linguistics	(4)	ANTHR 18 Introduction to (3)
			Anthropological
			Linguistics
END OF MAJOF	ł		

====Natural Sciences B.S.==== <u>IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:</u> The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

END OF MAJOR

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

## Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

### (for 2019-20)

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

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

It is also <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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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 Earth	u (5) BIOL 1A General Biology (5)
BIOLSCI 2B Intro Biology: Ecolog & Evolution	y (5) BIOL 1B General Biology (5)
BIOLSCI 2C Intro Biology:	(5) BIOL 1A & General Biology (5)
Biodiversity & the Tr of Life	
CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
CHEM 2C Genl Chemistry	CHEM 1B General Chemistry (5) (5) CHEM 1B General Chemistry (5)
CHEM 2C Geni Chemistry	(5) CHEM 1B General Chemistry (5)
CHEM 8A Organic Chem-Brief	(2) NO COMPARABLE COURSE
CHEM 8B Organic Chem-Brief	(4) NO COMPARABLE COURSE
OR	OR
CHEM 118A Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry (5)
CHEM 118B Org Chem, Hlth & Sci	(4) CHEM 12A & Organic Chemistry (5) CHEM 12B Organic Chemistry (5)
CHEM 118C Org Chem, Hlth & Sci	CHEM 12BOrganic Chemistry(5)(4)CHEM 12BOrganic Chemistry(5)
 MATH 17A Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
OR	submitted course(s) for articulation
MATH 21A Calculus	(4) MATH 3A Calculus I (5)
MATH 21B Calculus	(4)  MATH 3B Calculus II (5)
	·
h) PHYSICS 7A General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	(4) PHYS 3A <u>&amp;</u> General Physics (5) PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon

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

h) This articulation is series-for-series only.

====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 <u>highly recommended</u> 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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A	General Biology	(5)
BIOLSCI 2B		(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C		(5)	BIOL 1A	& General Biology	(5)
	Biodiversity & the Tree of Life				(5)
	Genl Chemistry	(5)	CHEM 1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM IA	General Chemistry	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B		(5) (5)
CHEM 2C		(5)		General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPA	RABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPA	RABLE COURSE	
<i></i>	OR	(		OR	( = )
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci			Organic Chemistry	(5)
CHEM IIOB	org chem, Hich & Sci	(4)	CHEM 12A		(5) (5)
	OR			OR	(5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A	-	(5)
CHEM 128B	Organic Chemistry			<b>&amp;</b> Organic Chemistry	(5)
			CHEM 12B		(5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A	Organic Chemistry	(5)
NUTR 10	Discoveries and Concepts	(3)	NO COMPA	RABLE COURSE	
PSYCH 41	Research Methods	(4)	PSYCH 28	Introduction to	(3)
			ĺ	Research Methods in	
				Psychology	
	OR	(		OR	(2)
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120		(3)
			 	Research Methods	
The	remaining preparatory subj			based on which	
	major option y	ou c	hoose:		
	NUTRITIONAL	BIO	LOGY OPTI	ON:	
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3	Introduction to Social	(3)
				and Cultural	
				Anthropology	
	OR Gamma halana	(		OR	(2)
PSYCH 1	General Psychology	(4)	PSYCH 1A		(3)
	OR			General Psychology <b>OR</b>	
SOCIOL 1	Intro Sociology	(5)	SOC 1	Introduction to Sociology	(3)
200101 1	OR	(3)		OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)

МАТН 16А	Short Calculus	(3)		Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)		Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
			<u>OR</u>  MATH 3B	Calculus II	(5)
PHYSICS 1B	Principles Physics Principles Physics	(3)	NO COMPAI	RABLE COURSE RABLE COURSE	
	NUTRITION IN	PUBL	IC HEALTH	OPTION:	
anthro 2	Cultural Anthropology OR	(5)	ANTHR 3   	Introduction to Social and Cultural Anthropology <b>OR</b>	(3)
SOCIOL 1	Intro Sociology OR	(5)	  SOC 1 	Introduction to Sociology OR	(3)
SOCIOL 3	Social Problems	(4)	SOC 2	Social Problems	(3)
ECON 1A	Princ of Microecon	(4)	ECON 2	Principles of Economics (Micro-Economics)	(3)
ECON 1B	Princ of Macroecon	(4)		Principles of Economics (Macro-Economics)	
PSYCH 1	General Psychology	(4)	PSYCH 1A	Introduction to General Psychology	
LOWER-D	IVISION ELECTIVES BY AREA	FOR T	HE NUTRIT	ION IN PUBLIC HEALTH OPTION	 N:
	al and Health Policy Area:				
AGRESEC 15	Pop,Envr,World Agri	(4) 		RABLE COURSE	
	iversity and Community Cha				
	Food in Amer Culture : FD S&T 55	(4)		E ARTICULATED: College has d course(s) for articulatio	
CM&RGDE 2	Ethnicity Amer Comm	(4)		RABLE COURSE	511
INT AG 10	Intro Intl Ag			RABLE COURSE	
	Development		İ		
Natural and CM&RGDE 20	d Applied Sciences Area: Food Systems	(4)	NO COURSI	E ARTICULATED: College has	not
				d course(s)for articulation	n
PHILOS 15	Intro to Bioethics			RABLE COURSE	
SCI&SOC 2 END OF MAJ	Feeding the Planet OR	(3)	NO COMPAI	RABLE COURSE	

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

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term

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

### Special Advising Note for future applicants:*

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

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

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

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

CHEM 2A Genl Chemistry	(5) CHEM 1A General Chemistry (5)
CHEM 2B Genl Chemistry	(5) CHEM 1A & General Chemistry (5)
	CHEM 1B General Chemistry (5)
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
OR	OR
CHEM 2AH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2BH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
CHEM 2CH Honors Genl Chemistry	(5) NO COMPARABLE COURSE
h) PHYSICS 7A General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	(4) PHYS 3A & General Physics (5)
,	PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A & General Physics (5)
· · ·	PHYS 3B General Physics (5)
	-

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.

P11/0100.		OR			I		OR	
q) PHYSICS	9A	Classical	Physics	(5)	   PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)
					  PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
					PHYS	4C	General Physics with Calculus	(5)
q) PHYSICS	9B	Classical	Physics	(5)	PHYS	4A <u>&amp;</u>	General Physics with Calculus	(5)
					PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
					PHYS 	4C	General Physics with Calculus	(5)
q) PHYSICS	9C	Classical	Physics	(5)	PHYS 	4A <u>&amp;</u>	General Physics with Calculus	(5)
					PHYS 	4B <u>&amp;</u>	General Physics with Calculus	(5)
					PHYS 	4C	General Physics with Calculus	(5)
 MATH 16A	Short	t Calculus		(3)	MATH       01		Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Chard	t Calculus		(2)	MATH	-	Calculus I Calculus for Business	(5) (3)
MAIN 10B	SHOL	L Calculus		(3)			and the Life and Social Sciences	(3)
МАТН 16С	Short	t Calculus		(3)	MATH	-	Calculus II Calculus for Business and the Life and Social Sciences	(5) (3)

			OR	
				(5)
	OR		OR	
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has r submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has n	not
			submitted course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has n	
			submitted course(s) for articulation	n
	OR		OR	<i>.</i>
MATH 21A	Calculus	(4)		(5)
MATH 21B	Calculus	(4)	MATH 3B Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 3C Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B General Biology	(5)
	OR		OR	
BIOLSCI 2C	Intro Biology:	(5)	BIOL 1A を General Biology	(5)
	Biodiversity & the Tree of Life	2	BIOL 1B General Biology	(5)
STATIST 13	Elementary Statistics	(4)	MATH 13 Introduction to	(4)
	STATIST 13Y	( - /	Statistics	( = )
	OR		OR	
STATIST 32	Gateway to Data Science	(4)	NO COMPARABLE COURSE	
		( 1 )		
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci			(5) (5)
CHEM IIOD	org chem, Arth & Ser	(4)		(5)
CHEM 118C	Org Chem, Hlth & Sci	(1)		(5)
CHEM 110C	Org chem, Hich & Sci OR	(4)	OR	(5)
CHEM 128A	Organic Chemistry	(3)		(5)
CHEM 128B	Organic Chemistry			(5)
		( = )		(5)
CHEM 128C	Organic Chemistry	(3)		(5)
CHEM 129A	Organic Chem Lab			(5)
CHEM 129B	Organic Chem Lab			(5)
	-			(5)
CHEM 129C	Organic Chem Lab	(2)		(5)

END OF MAJOR

h) This articulation is series-for-series only.

q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

#### ====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.

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

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

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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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

e) PHILOS 12 Intro to Symbol Logic (4) PHIL 10 Logic (3) OR PHIL 11 Formal Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

#### a. GENERAL PHILOSOPHY

PHILOS 1	Intro to Philos	(4) PHIL 1	Introduction to	(3)
			Philosophy	

#### b. ANCIENT PHILOSOPHY

PHILOS 21	Phil Classics: .	Ancient (4)	PHIL 20A	History of Ancient	(3)
				Greek Philosophy	

## c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4) PHIL 20B History of Modern (3)

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## 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:

f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Same as:	Human Values - Ethics (3)
			<u>OR</u>  PHIL 31A	Human Values - Ethics (3)
	OR		Same as:	OR
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABL	
	OR			OR
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A	Human Values - Ethics (3)
			Same as: OR	
			PHIL 31A	Human Values - Ethics (3)
			Same as:	

## f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci <b>OR</b>	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason <b>OR</b>	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change <b>OR</b>	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol		
	g. <b>PHILOSC</b>	PHY (	OF LANGUAGE
PHILOS 17	World		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ONE COURSE FR	OM T	HE FOLLOWING:
f) PHILOS 14	Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics (3)
			Same as: OR
			PHIL 31A Human Values - Ethics (3) Same as:
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
	Phil Foundations of Amer Democ	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
	ALL OF THE F		WING COURSES:
PHILOS 5	Critical Reasoning		
e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10 Logic (3)
			PHIL 11 Formal Logic (3)
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3)
			Same as: OR
			PHIL 31A Human Values - Ethics (3)
			Same as:

PRE-MED EMPHASIS:

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#### ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3)
			Same as:
			OR
			PHIL 31A Human Values - Ethics (3)
			Same as:
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
	ALL OF THE F	OLLO	NING COURSES:
e) PHILOS 12	Intro to Symbol Logic	(4)	PHIL 10 Logic (3)
			OR
			PHIL 11 Formal Logic (3)
PHILOS 15	Intro to Bioethics	(4)	NO COMPARABLE COURSE
PHILOS 38	Intro Philos of Biol	(4)	NO COMPARABLE COURSE

#### END OF MAJOR

- e) Students who complete PHIL 10 at Berkeley City College will receive credit at UC Davis for PHILOS 5 or 12, not both.
- f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

#### ====Physics A.B.====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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## 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

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

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 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

q) PHYSICS 9A Classical Physics	(5)	PHYS 4A & General Physics with (5)
		Calculus
		PHYS 4B & General Physics with (5)
		Calculus
		PHYS 4C General Physics with (5)
		Calculus
q) PHYSICS 9B Classical Physics	(5)	PHYS 4A & General Physics with (5)
		Calculus
		PHYS 4B & General Physics with (5)
		Calculus
		PHYS 4C General Physics with (5)
		Calculus
q) PHYSICS 9C Classical Physics	(5)	PHYS 4A & General Physics with (5)
		Calculus
		PHYS 4B & General Physics with (5)
		Calculus
		PHYS 4C General Physics with (5)
		Calculus
PHYSICS 9D Modern Physics	(4)	NO COMPARABLE COURSE
OR		OR
PHYSICS 9HA Honors Physics	. ,	NO COMPARABLE COURSE
PHYSICS 9HB Honors Physics	(5)	NO COMPARABLE COURSE

PHYSICS 9HC PHYSICS 9HD PHYSICS 9HE	Honors Physics	(5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE	
MATH 21A MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B	Calculus Calculus Calculus Vector Analysis Linear Algebra Differntl Equations		(5) (5) (5) (5) (3) (3)
PHYSICS 80	Experimental Techniques	(4)  NO COURSE ARTICULATED 	

END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

#### ====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 <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.

## 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

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

GPA and other requirements to obtain a UC Davis TAG 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  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

q) PHYSICS 9A Classical Physics	(5) PHYS 4A & General Physics with	(5)
	Calculus	
	PHYS 4B & General Physics with	(5)
	Calculus	
	PHYS 4C General Physics with	(5)
	Calculus	
q) PHYSICS 9B Classical Physics	(5) PHYS 4A を General Physics with	(5)
	Calculus	
	PHYS 4B を General Physics with	(5)
	Calculus	
	PHYS 4C General Physics with	(5)
	Calculus	
q) PHYSICS 9C Classical Physics		(5)
	Calculus	
	PHYS 4B & General Physics with	(5)
	Calculus	
	PHYS 4C General Physics with	(5)
	Calculus	
PHYSICS 9D Modern Physics	(4) NO COMPARABLE COURSE	
OR	OR	
PHYSICS 9HA Honors Physics	(5) NO COMPARABLE COURSE	
PHYSICS 9HB Honors Physics	(5) NO COMPARABLE COURSE	
PHYSICS 9HC Honors Physics	(5) NO COMPARABLE COURSE	
PHYSICS 9HD Honors Physics	(5) NO COMPARABLE COURSE	
PHYSICS 9HE Honors Physics	(5) NO COMPARABLE COURSE	
MATH 21A Calculus	(4) MATH 3A Calculus I	(5)
MATH 21B Calculus	(4) MATH 3B Calculus II	(5)
MATH 21C Calculus	(4) MATH 3C Calculus III	(5)
MATH 21D Vector Analysis	(4)   MATH 3C Calculus III	(5)
1	1	. ,

MATH 22A MATH 22B	Linear Algebra Differntl Equations	· /	E Linear Algebra F Differential Equations	(3) (3)
PHYSICS 40 PHYSICS 80	Intr Physics Computation Experimental Techniques			
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:				ne
ASTRON 25	Intro to Modern Astronomy & Astrophy	(4)   NO COMI	PARABLE COURSE	

END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

### ====Plant Biology A.B.====

### Special Advising Note:

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

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

#### **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

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

It is also <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, <u>in order to be considered</u> <u>for admission in this selective major</u>, 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 <u>http://tag.ucdavis.edu</u> for details regarding UC Davis TAG.

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <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.

BIOLSCI 2A Intro Biology:Life o Earth	on (5) BIOL 1A General Biology	(5)
BIOLSCI 2B Intro Biology: Ecolo & Evolution	ogy (5) BIOL 1B General Biology	(5)
BIOLSCI 2C Intro Biology: Biodiversity & the T of Life	(5) BIOL 1A <u>&amp;</u> General Biology Tree   BIOL 1B General Biology	(5) (5)
CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief	<pre>(5) CHEM 1A General Chemistry (5) CHEM 1A &amp; General Chemistry         CHEM 1B General Chemistry (2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE</pre>	(5) (5) (5)
STATIST 13 Elementary Statistic Same as: STATIST 13Y	es (4) MATH 13 Introduction to   Statistics	(4)

### **RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	(5) CHEM 1B	General Chemistry	(5)

END OF MAJOR

### ====Plant Biology B.S.====

## Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

Mathematics 17A/B/C <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.

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

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

## Transfer Admission Guarantee (TAG) Note:

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL	1A	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL	1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree		BIOL BIOL		General Biology General Biology	(5) (5)
	of Life					

_____ (5) CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry (5) CHEM 1A General Chemistry (5) CHEM 1A <u>&</u> General Chemistry (5) CHEM 1B General Chemistry (5) CHEM 2C Genl Chemistry (5) CHEM 1B General Chemistry (5) _____ -------CHEM 8AOrganic Chem-Brief(2) | NO COMPARABLE COURSECHEM 8BOrganic Chem-Brief(4) | NO COMPARABLE COURSE ORORCHEM 118AOrg Chem, Hlth & Sci(4)CHEM 12AOrganic Chemistry(5)CHEM 118BOrg Chem, Hlth & Sci(4)CHEM 12A & Organic Chemistry(5) CHEM 12B Organic Chemistry (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 12B Organic Chemistry (5) _____ MATH 17A Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17B Calculus for Biosci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation MATH 17C Calculus for BioSci (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR MATH 21A Calculus MATH 21B Calculus (4) MATH 3A Calculus I (4) MATH 3B Calculus II (5) (5) _____ h) PHYSICS 7A General Physics (4) PHYS 3A & General Physics (5) PHYS 3B General Physics (5) (4) PHYS 3A & General Physics PHYS 3B General Physics h) PHYSICS 7B General Physics (5) (5) h) PHYSICS 7C General Physics (4) PHYS 3A & General Physics (5) |PHYS 3B General Physics (5)

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:**

MATH 21C Calculus	(4)   MATH 3C Calculus III (5)
	submitted course(s) for articulation
BIOLSCI 20Q Modeling in Biology	(2) NO COURSE ARTICULATED: College has not

END OF MAJOR

h) This articulation is series-for-series only.

#### ====Plant Sciences B.S.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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 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.

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

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

BIOLSCI 2A	Intro Biolo Earth	gy:Life on	(5)	BIOL	1A	General	Biology	(5)
BIOLSCI 2B		1	(5)	BIOL 			Biology	(5)
PL SCI 2	Bot Physio Cu		(4)	NO CO				
	Genl Chemistry						Chemistry	(5)
CHEM 2B	Genl Chemistry	Τ	(5)	CHEM	1A <u>&amp;</u>	General	Chemistry	(5)
CHEM 2C	Genl Chemistry	7	(5)	CHEM   CHEM	1B 1B	General General	Chemistry	(5) (5)
CHEM 8A	Organic Chem-E	 Brief	(2)		 DMPARA	BLE COUR	 SE	
CHEM 8B	Organic Chem-E OR	Brief	(4)	NO CO	OMPARA	BLE COUR	SE OR	
CHEM 118A	Orq Chem, Hl	th & Sci	(4)	CHEM	12A	Organi	c Chemistry	(5)
	Org Chem, Hl						c Chemistry	(5)
				CHEM	12B	Organi	c Chemistry	(5)
CHEM 118C	Org Chem, Hl	th & Sci	(4)	CHEM	12B	Organi	c Chemistry	(5)
MATH 16A	Short Calculu	ເຮ	(3)	MATH		Calcul	us for Business	(3)
				     01	-		e Life and Sciences	
				·	3A	Calcul	us I	(5)
MATH 16B	Short Calculu	ıs	(3)		16B		us for Business	
				İ			e Life and Sciences	
					ર	DOCIUI	bereneeb	
				MATH	3В	Calcul	us II	(5)
	OR						OR	
MATH 17A	Calculus for	BioSci	(4)				TED: College has	
MATH 17B	Calculus for	Pioggi	(1)				) for articulat: TED: College has	
МАТН 17В	Calculus Ior	BIUSCI	(4)				) for articulat:	
PHYSICS 1A	Principles	Physics	(3)		 OMPARA	BLE COUR	 SE	
	Principles	Physics	(3)	NO CO	OMPARA	BLE COUR	SE	
h) PHYSICS	<b>OR</b> 7A General			1	3a &	General	Physics	(5)
		-	. ,		3в		Physics	(5)
h) PHYSICS	7B General	Physics	(4)	PHYS	3A <u>&amp;</u>		Physics	(5)
				PHYS			Physics	(5)
h) PHYSICS	7C General	Physics	(4)		3A <u>&amp;</u>		Physics	(5)
		that aturdant		PHYS			Physics	(5)
							ysics series at Davis Physics 7 <i>1</i>	
	ore transferrir							

their community college that is equivalent to the entire UC Davis Physics Series at 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

OR

AGRESEC 15 Pop, Envr, World Agri (4) NO COMPARABLE COURSE

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END OF MAJOR

### h) 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 http://tag.ucdavis.edu for details regarding UC Davis TAG. _____

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

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

### College Foreign Language Requirement Note:

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

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

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

POL SCI 1 Amer Natl Govt

#### THREE COURSES FROM THE FOLLOWING:

POL SCI 2	Intro Comp Politics		3)
POL SCI 3	Internatl Relations		3)
POL SCI 4	Bas Cnpt/Pol Thry		3)
POL SCI 5	Probs/Am Pol Sys		3)
POL SCI 7	Law & Politics	<pre>(4) NO COURSE ARTICOLATED: Correge has n   submitted course(s) for articulation (4) NO COMPARABLE COURSE</pre>	
POL SCI 51	Scientific Study of Politics	(4)   NO COURSE ARTICULATED: College has no submitted course(s) for articulation	

#### ONE COURSE FROM THE FOLLOWING:

POL SCI 12Y Data Visualization (4) NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation SOCIOL 12Y | STATIST 13 Elementary Statistics (4) MATH 13 Introduction to (4) Same as: STATIST 13Y | Statistics STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE END OF MAJOR

#### ====Political Science A.B.====

#### Special Advising Note:

Education(GE) Note:

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Transfer students are strongly advised to complete as many preparatory courses as possible for their 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.

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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

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

college grad http://llc	duation requirement in a f .ucdavis.edu/foreign-langu ollege Dean's Office or th	Eoreig Jage-j	do not certify IGETC must complete a gn language. See placement-exams and check with your plogy Academic Success Center for more
Advanced Pla	acement (AP)and Internatio	onal 1	Baccalaureate (IB) Examination Note:
General Cata	xamination credit policies alog . Quick reference cha rom our TAG website.		detailed in the UC Davis 2018–19 for <u>AP</u> and <u>IB</u> are also
	THREE COURSES FRO	 Эм тні	E FOLLOWING:
POL SCI 1			POSCI 1     Government and Politics (3)       in the United States
POL SCI 2 POL SCI 3	Intro Comp Politics Internatl Relations		POSCI 2Comparative Government (3)POSCI 3International (3)Relations
			POSCI 20 Global Issues (3)
POL SCI 4	Bas Cnpt/Pol Thry ONE COURSE FI		POSCI 4 Political Theory (3) HE FOLLOWING:
Note: Course	as listed twice may be use	ad on	ly once for major preparation
POL SCI 1	Amer Natl Govt		POSCI 1       Government and Politics (3)         in the United States
POL SCI 2	Intro Comp Politics	(4)	POSCI 2 Comparative Government (3)
POL SCI 3	Internatl Relations		POSCI 3 International (3) Relations OR
			POSCI 20 Global Issues (3)
POL SCI 4 POL SCI 5	Bas Cnpt/Pol Thry Probs/Am Pol Sys		POSCI 4Political Theory(3)NO COURSE ARTICULATED: College has notsubmitted course(s) for articulation
POL SCI 7	Law & Politics	(4)	NO COMPARABLE COURSE
POL SCI 11A	America Decides	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not
POL SCI 11D	Political Persuasion	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not
POL SCI 12A	Politics & Sports	(4)	<pre>submitted course(s)for articulation NO COURSE ARTICULATED: College has not</pre>
POL SCI 12B	Climate Chg & Politics	(4	
	Politics		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
POL SCI 12Y Same as:	Data Visualization COMUNCN 12Y, PSYCH 12Y su CIOL 12Y	(4)	NO COURSE ARTICULATED: College has not ted course(s)for articulation
	OR Elementary Statistics STATIST 13Y OR	(4)	OR  MATH 13 Introduction to (4)   Statistics   OR
STATIST 32 END OF MAJO	Gateway to Data Science R	(4)	NO COMPARABLE COURSE

## 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:

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 <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. 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 <u>transfer admission website</u>. 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.

#### _____

## 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1 G	eneral Psychology	(4) PSYCH 1A 	Introduction to General Psychology	(3)
PSYCH 41	Research Methods	(4) PSYCH 28	Introduction to Research Methods in Psychology	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4) MATH 13 	Introduction to Statistics	(4)
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOL 1A 	General Biology	(5)

#### OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) BIOL 10 Introduction to Biology (4)

#### AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4)   ANTHR 1	Introduction to	(3)
			Physical Anthropology	
	OR		OR	
MOL&CB 10	Intro Human Heredity	(4) NO COMPARA	ABLE COURSE	
	OR		OR	
NE PH B 10	Elem Human Physio	(3) NO COMPAR	ABLE COURSE	

END OF MAJOR

#### ====Psychology B.S. (Biological)====

Special Advising Note:

## REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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 <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> 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 <u>transfer admission website</u>. 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.

## 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1 General Psycholog	JY (4)	PSYCH 1A	Introduction to General Psychology	(3)
PSYCH 41 Research Methods			Introduction to Research Methods in Psychology	(3)
STATIST 13 Elementary Sta Same as: STATIST 13Y	atistics (4)			
MATH 16A Short Calculus	(3)	MATH 16A	Calculus for Business and the Life and Social Sciences	(3)
MATH 16B Short Calculus	(3)	1	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
		MATH 3B	Calculus II	(5)
OR		OR		
MATH 17A Calculus for Bic	oSci (4)	1	ARTICULATED: College has course(s) for articulati	
MATH 17B Calculus for Bic	osci (4)		ARTICULATED: College has course(s) for articulati	
OR		OR	011	
MATH 21A Calculus	(4)	  матн За	Calculus I	(5)
MATH 21B Calculus	(4)	МАТН ЗВ	Calculus II	(5)
PHYSICS 10 Topics,Nonscie			Introduction to Physics OR	(4)
PHYSICS 10C Physics of California (		•	ARTICULATED: College has course(s)for articulatio	

OR	OR						
= 1	YS 3A & General Physics (5)						
	YS 3B General Physics (5)						
= 1	YS 3A & General Physics (5)						
	YS 3B General Physics (5)						
It is highly recommended that students complete an entire physics series at							
their community college that is equivalent to the entire UC Davis Physics 7A/B/C							
series before transferring. Students who transfer without completing an entire							
series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with							
physics.							
BIOLSCI 2A Intro Biology:Life on (5) BIC	OL 1A General Biology (5)						
Earth							
BIOLSCI 2B Intro Biology: Ecology (5) BIC	OL 1B General Biology (5)						
& Evolution   BIOLSCI 2C Intro Biology: (5) BIC	OL 1A & General Biology (5)						
	OL 1A $\underline{\alpha}$ General Biology (5) OL 1B General Biology (5)						
of Life	on in General Biology (5)						
CHEM 2A Genl Chemistry (5) CHE	EM 1A General Chemistry (5)						
- 1	EM 1A & General Chemistry (5)						
CHE	EM 1B General Chemistry (5)						
5	COMPARABLE COURSE COMPARABLE COURSE						
OR (4) NO	OR						
	EM 12A Organic Chemistry (5)						
	EM 12A & Organic Chemistry (5)						
	EM 12B Organic Chemistry (5)						
OR	OR						
	EM 12A Organic Chemistry (5)						
	EM 12A & Organic Chemistry (5)						
CHE	EM 12B Organic Chemistry (5)						

END OF MAJOR

h) This articulation is series-for-series only.

====Psychology B.S. (Quantitative)====

Special Advising Note:

# **REQUIREMENTS FOR ADMISSION:** (for 2018-19)

(101 2010 1))

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 <u>or</u> Biological Sciences 10 <u>and one</u> course from: Anthropology 1 <u>or</u> Molecular and Cellular Biology 10 <u>or</u> 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 <u>requirements for admission</u> (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division <u>preparation for graduation</u> in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

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

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

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

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

PSYCH 1 General Psychology (4) PSYCH 1A Introduction to (3)

PSYCH 41	Research Methods	(4)	  PSYCH 28 	General Psychology Introduction to Research Methods in Psychology	(3)			
	Elementary Statistics STATIST 13Y	(4)	MATH 13 	Introduction to Statistics	(4)			
 MATH 21A	Calculus	(4)	MATH 3A	Calculus I	(5)			
MATH 21B				Calculus II	(5)			
MATH 21C	Calculus	(4)	MATH 3C	Calculus III	(5)			
	Programming 7 ENG CS 30 <b>OR</b>	(4)		Introduction to Computer Programming OR	(5)			
	Intro to Programming(4) Y ENG CS 10			ARTICULATED: College has course(s)for articulatio				
may not	note that the community co be identical to UC Davis cansfer to UC Davis, may ne encies.	cour	ses. Comm	unity college students,				
CHEM 10	Concept of Chem OR	(4)	NO COMPAR	ABLE COURSE OR				
CHEM 2A	Genl Chemistry			General Chemistry	(5)			
CHEM 2B	Genl Chemistry	(5)	-	General Chemistry	(5)			
	OR		CHEM 1B	General Chemistry <b>OR</b>	(5)			
CHEM 2AH		(5)	NO COMPAR					
CHEM 2BH	Honors Genl Chemistry	(5)	NO COMPAR	ABLE COURSE				
PHYSICS 10	Topics,Nonscientists OR	(4)	  PHYS 10 	Introduction to Physics OR	(4)			
PHYSICS 100	-	(3)		ARTICULATED: College has course(s)for articulatio				
	OR			OR	<i>.</i> – .			
h) PHYSICS	7A General Physics	(4)		General Physics General Physics	(5) (5)			
h) PHYSICS	7B General Physics	(4)		General Physics	(5)			
			PHYS 3B	General Physics	(5)			
their commu series befo series may	y recommended that student unity college that is equiv ore transferring. Students be required to take additi will need to meet with a U	ralen who .onal	t to the extransfer w physics c	ntire UC Davis Physics 7A ithout completing an enti ourses upon arrival at UC	re			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	General Biology	(5)			
	OR A COMBINATION OF							
BIOLSCI 10	Everyday Biology	(4)	BIOL 10	Introduction to Biology	• (4)			
	AND ONE C	OURS	E FROM					
ANTHRO 1	Human Evol Biol <b>OR</b>	(4)	ANTHR 1   	Introduction to Physical Anthropology <b>OR</b>	(3)			
MOL&CB 10	Intro Human Heredity	(4)	NO COMPAR					
	-							

# h) This articulation is series-for-series only.

#### ====Religious Studies A.B.====

## Special Advising Note:

NE PH B 10

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.

#### 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

# ONE COURSE FROM THE FOLLOWING:

REL	STD	1	Survey of Religion	(4)	HUMAN	40	Religions	of	the	World	(3)
REL	STD	1A	Pilgrimage	(4)	NO CO	MPARABI	E COURSE				
REL	STD	1B	Death and Afterlife	(4)	NO CO	MPARABI	E COURSE				

REL STD 1C Sacrifice	. ,	NO COMPARABLE COURSE					
REL STD 1D Conversion	(4)	NO COURSE ARTICULATED: College has not					
		submitted course(s) for articulation					
REL STD 1E Fundamentalism	(4)	NO COURSE ARTICULATED: College has not					
		submitted course(s) for articulation					
REL STD 1F Religion Today	(4)	NO COURSE ARTICULATED: College has not					
		submitted course(s) for articulation					
REL STD 1G Myth Ritual Symbol	(4)	NO COMPARABLE COURSE					
REL STD 1H Sex, Marriage, Divorc	e (4)	NO COURSE ARTICULATED: College has not					
		submitted course(s)for articulation					
REL STD 1J Music, Voice, Word	(4)	NO COURSE ARTICULATED: College has not					
	ĺ	submitted course(s)for articulation					
FOUR COURSES FROM THE FOLLOWING:							
REL STD 5 Comparative Religion	. ,	NO COURSE ARTICULATED					
REL STD 6 Intro Health Humanities	. ,	NO COURSE ARTICULATED					
REL STD 10 Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not					
Issues		submitted course(s) for articulation					
REL STD 10A Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not					
Issues		submitted course(s) for articulation					
REL STD 11 Ethical Eating	(4)	NO COURSE ARTICULATED:College has not					
		submitted course(s)for articulation					
REL STD 12 Emergence Abrahamic	(4)	NO COURSE ARTICULATED:College has not					
Religions		submitted course(s)for articulation					
REL STD 21 The Bible	(4)	NO COMPARABLE COURSE					
REL STD 23 Intro Judaism	(4)	NO COMPARABLE COURSE					
REL STD 30 South Asian Religions	(4)	NO COURSE ARTICULATED: College has not					
		submitted course(s) for articulation					
REL STD 40 New Testament	(4)	NO COMPARABLE COURSE					
REL STD 42 Religion and Sci	(4)	NO COURSE ARTICULATED: College has not					
Fiction		submitted course(s) for articulation					
REL STD 45 Christianity	(4)	NO COURSE ARTICULATED: College has not					
		submitted course(s) for articulation					
REL STD 60 Introduction to Islam	(4)	NO COMPARABLE COURSE					
REL STD 65C The Qur'an and Its	(4)	NO COURSE ARTICULATED: College has not					
Interpretation		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					
	ĺ	submitted course(s) for articulation					
REL STD 75 Introduction to Chine	se (4)	NO COMPARABLE COURSE					
Philosophy	ĺ						
REL STD 80 Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not					
	ĺ	submitted course(s) for articulation					
A reading knowledge of a foreign la	nguage	is highly recommended.					

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

#### ====Russian A.B.====

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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

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

RUSSIAN 1	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 2	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 3	Elementary Russian	(5) NO COMPARABLE COURSE
RUSSIAN 4	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 5	Intermed Russian	(4) NO COMPARABLE COURSE
RUSSIAN 6	Intermed Russian	(4) NO COMPARABLE COURSE
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END OF MAJOR

## ====Science & Technology Studies A.B.==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

# Transfer Admission Guarantee (TAG) Note:

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

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

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

## College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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SCI&TEC 20	Sci & Tec Std Methods	(4)   NO COMPARABLE COURSE
SCI&TEC 1	Intro Sci & Tech Std	(4) NO COMPARABLE COURSE

#### 8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American Culture	(4)	NO COMPARABLE COURSE
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	BIOL 13 Principles of Ecology (3)
HUMAN 3 Me	edicine & 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: 2	ANTHRO 32		

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4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <a href="http://sts.ucdavis.edu/undergraduate/sts-major-requirements">http://sts.ucdavis.edu/undergraduate/sts-major-requirements</a>

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#### END OF MAJOR

====Sociology A.B.====

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

#### 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5) SOC 1	Introduction to Sociol	ogy (3)
SOCIOL 46A	Intro Social Rsch	(4) SOC 120	Introduction to	(3)
			Research Methods	

SOCIOL 46B	<b>AND</b> Intro Social Rsch	(5)	AND
	ONE COURSE FR		
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not
SOCIOL 3 SOCIOL 4 SOCIOL 5 SOCIOL 11 SOCIOL 25 SOCIOL 30A	Social Problems Immigrtn & Opprtnty Global Soc Change Sociology of Labor and Employment Popular Culture Multicultural Societies	(4) (4) (4) (4) (4) (3) (3)	submitted course(s) for articulationSOC 2Social ProblemsNO COMPARABLE COURSEPOSCI 20Global IssuesNO COURSE ARTICULATED: College has notsubmitted course(s) for articulationNO COMPARABLE COURSE
	ONE COURSE FRO		HE FOLLOWING:
ANTHRO 2		(5)	ANTHR 3 Introduction to Social (3) and Cultural Anthropology
ANTHRO 20	<b>OR</b> Comparative Cultures	(4)	OR NO COMPARABLE COURSE
		-	
			NO COMPARABLE COURSE HIST 2A <u>&amp;</u> History of European (3) Civilization
			HIST 2B History of European (3) Civilization
HISTORY 4C	Western Civ	(4)	HIST 2B History of European (3) Civilization
	Intro to Middle East		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 7B			NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Latin America 1900-Present		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 8 HISTORY 9A HISTORY 9B	Indian Civilization East Asian Civ East Asian Civ	(4) (4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
HISTORY 100	2 World History III	(4)	HIST 3B Modern World History: (3) 1500-Present
	A Africa to 1900 3 Africa Today		
HISTORY 17A	U.S. History	(4)	HIST 7A History of the United (3)
HISTORY 17E			States (to 1877) HIST 7B History of the United (3) States (since 1865)
	ONE COURSE FRO		HE FOLLOWING:
	Critical Reasoning .4 Eth Soc Prob in Soc		PHIL 10 Logic (3) HUMAN 30A Human Values - Ethics (3) Same as: OR
			PHIL 31A Human Values - Ethics (3)   Same as:
PHILOS 24	Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics (3)

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#### END OF MAJOR

f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

# ====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

### 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.

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

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

SOCIOL 1 Intro Sociology

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SOCIOL 5	Global Soc Change	(4)   PO	GCI 20	Global Issues	(3)
SOCIOL 46A	Intro Social Rsch	(4) SO	C 120	Introduction to Research Methods AND	(3)
SOCIOL 46B	Intro Social Rsch	(5)   NO	COMPAR	ABLE COURSE	
ECON 1B	Princ of Macroecon	(4)   EC(	ON 1	Principles of Economics (Macro-Economics)	(3)
ANTHRO 2	Cultural Anthropology	(5)   AN'	THR 3	Introduction to Social and Cultural Anthropology	(3)
ANTHRO 20	<b>OR</b> Comparative Cultures	(4)   NO	COMPAR	OR RABLE COURSE	
HISTORY 10C	World History III	(4) HI:	ST 3B	1500-Present	(3)
POL SCI 2	OR Intro Comp Politics	(4) PO	GCI 2	OR Comparative Government	(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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# END OF MAJOR

## ====Sociology A.B. (Law & Society)====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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. _____ (5) SOC 1 Introduction to Sociology (3) SOCIOL 1 Intro Sociology _____ SOCIOL 3 Social Problems (4)|SOC 2 Social Problems (3) OR OR SOCIOL 4 Immigrtn & Opprtnty (4) NO COMPARABLE COURSE OR OR SOCIOL 11 Sociology of Labor and (4) NO COURSE ARTICULATED: College has not Employment | submitted course(s) for articulation _____ SOCIOL 46A Intro Social Rsch (4) SOC 120 Introduction to (3) Research Methods AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ 4 QUARTER UNITS FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (5) ANTHR 3 Introduction to Social (3) and Cultural Anthropology ANTHRO 20 Comparative Cultures (4) NO COMPARABLE COURSE POL SCI 1 Amer Natl Govt (4) POSCI 1 Government and Politics (3) POL SCI 3 Internatl Relations (4) POSCI 3 International Relations (3) OR POL SCI 4 Bas Cnpt/Pol Thry (4) POSCI 20 Global Issues POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE (3) (3) _____ 4 QUARTER UNITS FROM THE FOLLOWING: HISTORY 4A Western Civ HISTORY 4B Western Civ (4) NO COMPARABLE COURSE (4) | HIST 2A & History of European (3) Civilization HIST 2B History of European (3) Civilization (4) HIST 2B History of European Civilization HISTORY 4C Western Civ (3) HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7A Latin America to 1700 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7B Latin America 1700-1900 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 7C Latin America (4) NO COURSE ARTICULATED: College has not

1900-Present

submitted course(s) for articulation

HISTORY 8Indian Civilization(4) |NO COMPARABLE COURSEHISTORY 9AEast Asian Civ(4) |NO COMPARABLE COURSEHISTORY 9BEast Asian Civ(4) |NO COMPARABLE COURSEHISTORY 10CWorld History III(4) |HIST 3BModern World History:(3) 1500-Present HISTORY 15AAfrica to 1900(4) NO COURSE ARTICULATEDHISTORY 15BAfrica Today(4) NO COURSE ARTICULATEDHISTORY 17AU.S. History(4) HIST 7AHISTORY 17AU.S. History(4) HIST 7A States (to 1877) HISTORY 17B U.S. History (4) |HIST 7B History of the United (3) States (since 1865) _____ PHILOS 5 Critical Reasoning (4) PHIL 10 Logic (3) OR OR f) PHILOS 14 Eth Soc Prob in Soc (4) HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as: OR OR PHILOS 24 Intro to Ethics (4) HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as:

END OF MAJOR

f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

### ====Sociology A.B. (Social Services)====

# Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

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

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

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

SOCIOL 1 Intro Sociology (5) SOC 1 Introduction to Sociology (3) _____ SOCIOL 2 Self and Society (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR (4) SOC 2 Social Problems SOCIOL 3 Social Problems (3) _____ SOCIOL 46AIntro Social Rsch(4) SOC 120Introduction toImage: Introduction controlImage: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: Image: (3) AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE _____ PSYCH 1 General Psychology (4) PSYCH 1A Introduction to (3) General Psychology _____ 6-8 QUARTER UNITS FROM THE FOLLOWING: AF-AMST 10Af-Am Culture & Soc(4) NO COMPARABLE COURSEAF-AMST 15Intro Afro Amer Hum(4) NO COMPARABLE COURSEA A STD 1Hist Exp Asian Am(4) NO COMPARABLE COURSE A A STD 2 Contemp Issues of Asian (4) NO COURSE ARTICULATED: College has not A A SID 2Contemp issues of Asian<br/>Americans(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationCHICANO 10Intro to Chic Std(4) NO COMPARABLE COURSECHICANO 50Chicano Culture(4) NO COMPARABLE COURSEN A STD 1Intro NA Studies(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulationN A STD 10NA Experience(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation submitted course(s) for articulation Immigrtn & Opprtnty (4) NO COMPARABLE COURSE Sociology of Labor and (4) NO COURSE ARTICULATED: College has not SOCIOL 4 SOCIOL 11 Employment submitted course(s) for articulation SOCIOL 30A Multicultural Societies (3) NO COMPARABLE COURSE SOCIOL 30B Multicultural Societies (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation _____ 

END OF MAJOR

====Sociology-Organizational Studies A.B.====

### Special Advising Note:

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# Transfer Admission Guarantee (TAG) Note:

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

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

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

SOCIOL 1	Intro Sociology AND	(5)	SOC 1 Introduction to Sociology (3)
SOCIOL 2	Self and Society	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
SOCIOL 4	Immigrtn & Opprtnty OR	(4)	NO COMPARABLE COURSE
SOCIOL 5	Global Soc Change <b>OR</b>	(4)	POSCI 20 Global Issues (3) OR
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch	(4)	SOC 120 Introduction to (3) Research Methods
	AND	( <del>-</del> )	AND
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 2 Principles of Economics (3) (Micro-Economics)

AND			AND				
ECON 1B	Princ of Macroecon	(4) ECC	N 1	Principles of Economics	(3)		
				(Macro-Economics)			

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END OF MAJOR

#### ====Spanish A.B.====

### Special Advising Note:

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

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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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SPANISH 1	Elementary Spanish	(5)   SPAN (		Elementary Spanish	(5)
SPANISH 2	Elementary Spanish	(5) SPAN 1	1A &	Elementary Spanish	(5)
		SPAN 3	1B	Elementary Spanish	(5)
SPANISH 3	Elementary Spanish	(5) SPAN 1	1B	Elementary Spanish	(5)
SPANISH 21	Intm Spanish	(5) SPAN 2	2A <u>&amp;</u>	Intermediate Spanish	(5)
		SPAN 2	2в	Intermediate Spanish	(5)

SPANISH 22	Intm Spanish	(5)	SPAN 2A <u>&amp;</u>	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 23	Span Comp I	(4)	SPAN 2A を	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
SPANISH 24	Span Comp II	(4)	SPAN 2A を	Intermediate Spanish	(5)
			SPAN 2B	Intermediate Spanish	(5)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARA	BLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	SPAN 22A	Spanish for Bilingual	(5)
				Speakers I	
SPANISH 33	Int Span Nat Spk III	(5)	SPAN 22B	Spanish for Bilingual	(5)
			ĺ	Speakers II	

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4)   ANTHR 18	Introduction to	(3)
			Anthropological	
			Linguistics	

END OF MAJOR

#### ====Statistics A.B.====

#### Special Advising Note:

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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.

# Transfer Admission Guarantee (TAG) Note:

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

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#### 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)		Calculus for Business and the Life and Social Sciences	(3)
			<u>OR</u>   MATH 3A	Calculus I	(5)
МАТН 16В	Short Calculus	(3)	MATH JA		
		(0)		and the Life and	(0)
			İ	Social Sciences	
			OR		( = )
MARTI 160		(2)	MATH 3B		(5)
MATH 16C	Short Calculus	(3)	MATH 16B	Calculus for Business and the Life and	(3)
			1	Social Sciences	
			OR		
			MATH 3B	Calculus II	(5)
	OR			OR	
МАТН 17А	Calculus for BioSci	(4)		ARTICULATED: College has	
матн 17в	Calculus for Biosci	(4)		course(s) for articulati ARTICULATED: College has	
MAIN 17D		(1)		course(s) for articulati	
MATH 17C	Calculus for BioSci	(4)	1	ARTICULATED: College has	
			submitted	course(s) for articulati	on
	OR			OR	<i>.</i>
MATH 21A MATH 21B		(4)	MATH 3A	Calculus I Calculus II	(5)
	Calculus Calculus			Calculus II Calculus III	(5) (5)
		(Ŧ) 			. ,
				Linear Algebra	(3)
ENG CS 32A	Intro to Programming(4) Y ENG CS 10		NO COURSE	ARTICULATED: College has course(s)for articulatic	not
ENC CC 263	<b>OR</b> Programming	(1)		<b>OR</b> Introduction to Computer	(5)
	PIOGIAMMING PENG CS 30	( = )		Programming	()
101110117	OR			OR	
ENG CS 36B	Object-Oriented Program	(4)	CIS 25	Object Orientated	(4)
Formerly	r ENG CS 40			Programming Using C++	
			OR		<i>.</i>
			CIS 36A	Java Programming	(4)
			OR	Language I	
			CIS 36B	Java Programming	(4)
			İ	Language II	. ,

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies. STATIST 32 Gateway to Data Science (4) NO COMPARABLE COURSE

#### END OF MAJOR

# ====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

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

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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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МАТН 16А	Short Calculus	(3)	MATH 16A   	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3A	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 16B   	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 16B   	Calculus for Business and the Life and Social Sciences	(3)
			OR		
			MATH 3B	Calculus II	(5)

		OR					OF	2	
MATH 1	.7A Ca	alculus f	or BioSci	(4)	NO CO	DURSE	ARTICULATE	D: College h	as not
					submi	itted	course(s)	for articula	tion
MATH 1	.7B Ca	alculus f	or Biosci	(4)				ED: College h	
					submi	itted	course(s)	for articula	tion
MATH 1	.7C Ca	alculus f	or BioSci	(4)				ED: College h	
					submi	itted	course(s)	for articula	tion
		OR					OF	2	
MATH 2	21A Ca	alculus		(4)	MATH	3A	Calculus	I	(5)
MATH 2	21B Ca	alculus		(4)	MATH	3B	Calculus	II	(5)
MATH 2	21C Ca	alculus		(4)	MATH	3C	Calculus	III	(5)

### NOTE: THE MATH 21A, B, C SERIES IS RECOMMENDED IF AVAILABLE

MATH 22A	Linear Algebra	(3)	MATI	H 3E	Linear Algebra	(3)
	Intro to Programming(4) y ENG CS 10 <b>OR</b>				E ARTICULATED: College has d course(s)for articulatio: OR	
	Programming ENG CS 30 <b>OR</b>	(4)	CIS	6	Introduction to Computer Programming <b>OR</b>	(5)
	Object-Oriented Program ENG CS 40	(4)		25 <b>)R</b>	Object Orientated Programming Using C++	(4)
			CIS	36A	Java Programming Language I	(4)
			-	<u>36</u> 368	Java Programming Language II	(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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## AND ONE COURSE FROM

51112 8112						
STATIST	32	Gateway to Data Science	(4)	NO COMPARAE	BLE COURSE	
Same	as:	STATIST 13Y			Statistics	
STATIST	13	Elementary Statistics	(4)	MATH 13	Introduction to	(4)
STATIST	12	Discrete Probabil	(4)	NO COMPARAE	BLE COURSE	

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PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

# ====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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MATH 21A	Calculus	(4) MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 3B	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 3C	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 3C	Calculus III	(5)
MATH 22A	Linear Algebra	(3) MATH 3E	Linear Algebra	(3)
ENG CS 36C	Data Structures	(4) CIS 27	Data Structure and Algorithms	(4)

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### AND ONE COURSE FROM

STATIST 12	Discrete Probabil	(4)	NO COMPARA	BLE COURSE		
STATIST 13	Elementary Statistics	(4)	MATH 13	Introduction	to (4	4)
Same as:	STATIST 13Y			Statistics		
STATIST 32	Gateway to Data Science	(4)	NO COMPARA	BLE COURSE		

#### END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

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

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MATH 21C	Calculus Calculus Calculus Vector Analysis	(4) (4)	MATH MATH	3B 3C	Calculus I Calculus II Calculus III Calculus III Calculus III	(5) (5) (5) (5)
MATH 22A	Linear Algebra <b>OR</b>	(3)	MATH 	3E	Linear Algebra <b>OR</b>	(3)
MATH 67	Modern Linear Algebra	(4)	1		ARTICULATED: College has course(s) for articulati	
MATH 25	Advanced Calculus	(4)	!		ARTICULATED: College has course(s) for articulati	
	Intro to Programming(4) ly ENG CS 10 <b>OR</b>		1		ARTICULATED: College has course(s)for articulatio OR	
	Programming y ENG CS 30 <b>OR</b>	(4)	CIS 6		Introduction to Computer Programming <b>OR</b>	(5)
	Object-Oriented Program y ENG CS 40	(4)	ļ		Object Orientated Programming Using C++	(4)
			<u>OR</u>  CIS 3     <b>OR</b>	6A	Java Programming Language I	(4)
			CIS 3	-	Java Programming Language II	(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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#### AND ONE COURSE FROM

STATIST 13 Elementary Stati	istics (4) MATH 13	Introduction to (4)
Same as: STATIST 13Y		Statistics
STATIST 12 Discrete Probabi	il (4) NO COMPAR	ABLE COURSE
STATIST 32 Gateway to Data Sc	cience (4) NO COMPAR	ABLE COURSE

# ====Statistics B.S. (Statistical Data Science Track)==== Special Advising Note:

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MATH 21A	Calculus	(4)   MATH	3A	Calculus	I	(5)
MATH 21B	Calculus	(4)   MATH	3B	Calculus	II	(5)
MATH 21C	Calculus	(4)   MATH	3C	Calculus	III	(5)

	Vector Analysis Linear Algebra			Calculus III Linear Algebra	(5) (3)
	Intro to Programming(4) y ENG CS 10 OR		1	RTICULATED: College has ourse(s)for articulatio <b>OR</b>	
	Programming ENG CS 30 <b>OR</b>	(4)		troduction to Computer ogramming <b>OR</b>	(5)
	Object-Oriented Program ENG CS 40	(4)		Object Orientated Programming Using C++	(4)
				Java Programming Language I	(4)
				Java Programming Language II	(4)
STATIST 12	Discrete Probabil <b>OR</b>	(4)	NO COMPARAB 	LE COURSE <b>OR</b>	
	Elementary Statistics STATIST 13Y <b>OR</b>	(4)		Introduction to Statistics <b>OR</b>	(4)
STATIST 32	Gateway to Data Science	(4)	NO COMPARAB	LE COURSE	

#### END OF MAJOR

# ====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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 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

 General Catalog
 Quick reference charts for AP and IB are also

 available from our TAG website.

 COMUNCN 1
 Intro Public Spkg
 (4) | COMM 45
 Public Speaking
 (3)

 PL SCI 15
 Intro Sustainable
 (4) | NO COURSE ARTICULATED: College has not articulation

CM&RGDE 20	Food Systems	(4)			College has not articulation
PL PATH 40	Edible Mushroom Cult	(2)			College has not articulation
	OR			OR	
PL SCI 49	Org Crop Prod Prac	(3)			College has not r articulation
Select one of the following courses:					

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

AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 491	Animal Prac/Sheep	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
AN SCI 49J	Animal Prac/Swine	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
ABIOSYT 49	Fld Equip Oper	(2)	NO COMPARABLE COURSE
	OR		OR
ABIOSYT 52	Field Equip Welding	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

	IRACK I: AGRICU	LIOK		FCOTO	GI	
MATH 16A	Short Calculus	(3)	MATH       01		Calculus for Business and the Life and Social Sciences	(3)
			·	-		( = )
			1	3A		(5)
MATH 16B	Short Calculus	(3)	MATH       01	16B	Calculus for Business and the Life and Social Sciences	(3)
			·	-		<i>.</i>
			MATH	3B	Calculus II	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM	1A	General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	1 A &	General Chemistry	(5)
	Genir enemibery	(3)		1 D	General Chemistry General Chemistry	(5)
					General Chemistry	
	Principles Physics				BLE COURSE	
BIOLSCI 2B	Intro Biology: Ecology & Evolution		BIOL 	1B		(5)
	Bot Physio Cul Plt		NO CO	OMPARA		
	Domest Ani & People OR					
ANT COT O	Intro Animal Sci	( 1 )		ערערער		
AN SCI Z	Intro Animal Sci	(4)			BLE COURSE	
	Food Sci Principles			OMPARA	BLE COURSE	
ECON 1A	Princ of Microecon	(4)	ECON 		(Micro-Economics)	
	The Community			OMPARA		
f) PHILOS (	14 Eth Soc Prob in Soc	(4)	HUMAI			(3)

		Same as: <u>OR</u> PHIL 31A Human Values - Ethics Same as:	(3)
OR PHILOS 15 Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR	
PHILOS 24 Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics Same as: <u>OR</u> PHIL 31A Human Values - Ethics Same as:	
ANTHRO 2 Cultural Anthropology	(5)	ANTHR 3 Introduction to Social and Cultural Anthropology OR	(3)
POL SCI 4 Bas Cnpt/Pol Thry OR	(4)		(3)
SOCIOL 1 Intro Sociology OR	(5)	SOC 1 Introduction to Sociology OR	(3)
SOCIOL 3 Social Problems	(4)	SOC 2 Social Problems	(3)
TRACK II: FOO	OD AI	ND SOCIETY	
PHILOS 5 Critical Reasoning <b>OR</b>	(4)	PHIL 10 Logic OR	(3)
PHILOS 31 Scientific Reason	(4)	-	
f) PHILOS 14 Eth Soc Prob in Soc	(4)	HUMAN 30A Human Values - Ethics Same as: OR PHIL 31A Human Values - Ethics Same as:	
OR PHILOS 15 Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR	
PHILOS 24 Intro to Ethics	(4)	HUMAN 30A Human Values - Ethics Same as: OR PHIL 31A Human Values - Ethics	
		Same as:	
SOCIOL 46B Intro Social Rsch OR		OR	
STATIST 13 Elementary Statistics Same as: STATIST 13Y		MATH 13 Introduction to Statistics	
CHEM 2A Genl Chemistry	(5)	CHEM 1A General Chemistry	
BIOLSCI 10 Everyday Biology	(4)	BIOL 10 Introduction to Biology	(4)
PL SCI 2 Bot Physio Cul Plt			
BIOLSCI 2B Intro Biology: Ecology & Evolution		BIOL 1B General Biology 	(5)
OR ENV S&P 1 Env Analysis OR	(4)	OR  BIOL 13 Principles of Ecology   OR	(3)
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30 OR	(3)	-	
W&F BIO 10 Wildl Ecol Conserve	(4)	-	

	<b>OR</b> Intro to Conservation Biology		OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles		NO COMPARABLE COURSE
	Environment	(3)	NO COMPARABLE COURSE
	Princ of Microecon		ECON 2 Principles of Economics (3) (Micro-Economics)
	Bas Cnpt/Pol Thry	(4)	POSCI 4 Political Theory (3)
		(5)	ANTHR 3 Introduction to Social (3) and Cultural Anthropology OR
SOCIOL 1	-	(5)	SOC 1 Introduction to Sociology (3)
SOCIOL 3	Social Problems	(4)	SOC 2 Social Problems (3)
CM&RGDE 1 CM&RGDE 2	The Community Ethnicity Amer Comm	(4) (4)	
	TRACK III: ECC		
MATH 16A			MATH 16A       Calculus for Business (3)         and the Life and         Social Sciences
MATH 16B	Short Calculus	(3)	MATH 3ACalculus I(5)MATH 16BCalculus for Business (3)and the Life andSocial SciencesOR
			MATH 3B Calculus II (5)
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5)	NO COMPARABLE COURSE
Same as	: STATIST 13Y		MATH 13 Introduction to (4) Statistics
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry (5)
BIOLSCI 10	Everyday Biology	(4)	BIOL 10 Introduction to Biology (4)
	Bot Physio Cul Plt		
BIOLSCI 2B	& Evolution	(5)	BIOL 1B General Biology (5)
ENV S&P 1		(4)	OR BIOL 13 Principles of Ecology (3)
	OR Global Ecosystem : ENV SC&M 30 OR	(3)	OR NO COMPARABLE COURSE
W&F BIO 10	Wildl Ecol Conserve OR	(4)	-
W&F BIO 51		(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE

_____ SOILSCI 10 Soils in Our (3) NO COMPARABLE COURSE Environment _____ Princ of Microecon (4) ECON 2 Principles of Economics (3) ECON 1A (Micro-Economics) Princ of Macroecon (4) ECON 1 Principles of Economics (3) (Macro-Economics) ECON 1B _____ (4) POSCI 4 Political Theory POL SCI 4 Bas Cnpt/Pol Thry (3) _____ ANTHRO 2 Cultural Anthropology (5) ANTHR 3 Introduction to Social (3) and Cultural Anthropology OR OR (5) SOC 1 Introduction to Sociology (3) SOCIOL 1 Intro Sociology OR OR SOCIOL 3 Social Problems (4) SOC 2 Social Problems (3) _____ CM&RGDE 1 The Community (4) NO COMPARABLE COURSE _____ f) PHILOS 14 Eth Soc Prob in Soc (4) HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as: OR OR (4) NO COMPARABLE COURSE PHILOS 15 Intro to Bioethics OR OR PHILOS 24 Intro to Ethics (4) HUMAN 30A Human Values - Ethics (3) Same as: OR PHIL 31A Human Values - Ethics (3) Same as: _____ _____

END OF MAJOR

f) Students who complete HUMAN 30A at Berkeley City College will receive credit at UC Davis for PHILOS 14 or 24, not both.

### ====Sustainable Environmental Design B.S.====

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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.

### Transfer Admission Guarantee (TAG) Note:

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).

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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 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.

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

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

COMUNCN 1	Intro Public Spkg	(4)   COMM 45	Public Speaking (3)
ENGLISH 3	Intro to Lit OR	(4) ENGL 1B	Composition and Reading (4)
UWRITING 1	Expository Writing	(4) ENGL 1A	Composition and Reading (4)

<b>OR</b> UWRITING 48 Style in the Essay Formerly UWRITING 18	(4)	OR NO COMPARABLE COURSE		
OR	( 4 )			
UWRITING 49 Writing Research Papers Formerly UWRITING 19	(4)	NO COMPARABLE COURSE   		
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOL 1B General Biology (5) 		
ALL OF THE I	OLLO	WING COURSES:		
LND ARC 1 Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not		
		submitted course(s) for articulation		
LND ARC 2 Place, Culture, Community	(4)	NO COURSE ARTICULATED: College has not		
LND ARC 3 Sustainable Development	(1)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not		
LND ARC 5 Sustainable Development	(4)	submitted course(s) for articulation		
LND ARC 21 Landscape Rep I	(4)	NO COURSE ARTICULATED: College has not		
Formerly Design Visualization	( - )	submitted course(s) for articulation		
LND ARC 30 History Environ Design	(4)	NO COURSE ARTICULATED: College has not		
		submitted course(s) for articulation		
LND ARC 50 Site Ecology	(4)	NO COURSE ARTICULATED: College has not		
		submitted course(s) for articulation		
LND ARC 70 Intro to Spacemaking	(4)	NO COURSE ARTICULATED: College has not		
		submitted course(s) for articulation		
AND ONE COURSE IN A PHYSICAL SCIENCE				

END OF MAJOR

# ====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

## Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <u>highly recommended</u> 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 U<u>C Transfer Admission website</u> 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.

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

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

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

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

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

_____ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2018-19 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. _____ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR OR B) ENG CS 15 Intro to Computers (4) CIS 1 Introduction to Computer (4) Information Systems OR CIS 5 Introduction to Computer (5) Science OR OR (4) CIS 6 Introduction to Computer (5) ENG CS 36A Programming

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 2 Principles of Economics (3 (Micro-Economics)
ECON 1B	Princ of Macroecon	(4)	ECON 1 Principles of Economics (3
			(Macro-Economics)
	4 QUARTER UNITS	FROI	A THE FOLLOWING:
ANTHRO 2	Cultural Anthropology	(5)	ANTHR 3 Introduction to Social (3 and Cultural Anthropology OR
SCI&SOC 1	Critical Inquiry into Contemporary Issues <b>OR</b>	(4)	-
ARTHI 1A		(4)	-
ARTHI 1B	OR		OR
ARTHI 1C	Baroque to Modern Art <b>OR</b>	(4)	NO COMPARABLE COURSE OR
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE
	ALL OF THE F	OLLO	
	Principles Physics <b>OR</b>		OR
PHYSICS 10	Topics,Nonscientists	(4)	PHYS 10 Introduction to Physics (4
		(4)	PSYCH 1A Introduction to (3 General Psychology
		(4)	NO COURSE ARTICULATED: College has no submitted course(s)for articulation
STATIST 13 Same as		(4)	MATH 13 Introduction to (4 Statistics
TEX&CL 6 TEX&CL 7	Intro Textiles Style & Cult Std Textile Apparel Ind	(4) (4)	NO COMPARABLE COURSE NO COMPARABLE COURSE
MGMT 11A	Elem Accounting	(4)	BUS 1A <u>&amp;</u> Financial Accounting (4 BUS 1B Managerial Accounting (4
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE
			NO COMPARABLE COURSE OR
	-	(5)	CHEM 1A General Chemistry (5
	Short Calculus	(3)	MATH 16A Calculus for Business (3 and the Life and Social Sciences OR
MATH 16B	Short Calculus	(3)	MATH 3A Calculus I (5 MATH 16B Calculus for Business (3 and the Life and

Social Sciences
OR
MATH 3B
Calculus II
(5)
RESTRICTED ELECTIVES (12 QUARTER UNITS):

#### AGRESEC 18 Business Law (4) BUS 2 Introduction to Business (3) Law DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE (3) MATH 16B Calculus for Business (3) MATH 16C Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) Foreign language units may be used to satisfy any or all of the required 12 units. _____

#### END OF MAJOR

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

# ====Textiles and Clothing B.S. (Textile Science)==== <u>IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:</u> 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

Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

#### Special Advising Note:

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

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

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General Catalog . Quick reference charts for AP and IB are also
available from our TAG website.
PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE

	OR			OR	
B) ENG CS 15	Intro to Computers	(4)	CIS 1	Introduction to Computer	(4)
				Information Systems	
			OR		
			CIS 5	Introduction to Computer	(5)
				Science	
	OR			OR	
ENG CS 36A Pro	ogramming	(4)	CIS 6	Introduction to Computer	(5)
Formerly ENG	G CS 30			Programming	

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.

_____ Princ of Microecon (4) | ECON 2 Principles of Economics (3) ECON 1A (Micro-Economics) (4) ECON 1 Principles of Economics (3) (Macro-Economics) ECON 1B Princ of Macroecon _____ 4 QUARTER UNITS FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (5) ANTHR 3 Introduction to Social (3) and Cultural Anthropology OR OR SCI&SOC 1 Critical Inquiry into (4) NO COMPARABLE COURSE Contemporary Issues OR OR ARTHI 1A Ancient Mediterranean Art (4) NO COMPARABLE COURSE OR ARTHI 1B Mediev&Renaiss Art (4) NO COMPARABLE COURSE OR OR ARTHI 1C Baroque to Modern Art (4) NO COMPARABLE COURSE OR OR (4) | NO COMPARABLE COURSE ARTHI 1D Arts of Asia _____ ALL OF THE FOLLOWING COURSES: PHYSICS 1A Principles Physics (3) NO COMPARABLE COURSE OR OR PHYSICS 10 Topics, Nonscientists (4) PHYS 10 Introduction to Physics (4) _____ PSYCH 1 General Psychology (4) PSYCH 1A Introduction to (3) General Psychology _____ SOCIOL 2 Self and Society (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation _____ STATIST 13 Elementary Statistics (4) | MATH 13 Introduction to (4) Same as: STATIST 13Y Statistics _____ TEX&CL 6Intro Textiles(4) NO COMPARABLE COURSETEX&CL 7Style & Cult Std(4) NO COMPARABLE COURSETEX&CL 8Textile Apparel Ind(4) NO COMPARABLE COURSE _____ CHEM 2A Genl Chemistry CHEM 2B Genl Chemistry (5) CHEM 1A General Chemistry (5) (5) CHEM 1A & General Chemistry (5) CHEM 1B General Chemistry (5) _____ _____ CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief (2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE _____ _____ MATH 16A Short Calculus (3) MATH 16A Calculus for Business (3) and the Life and Social Sciences OR MATH 3A Calculus I (5)_____ RESTRICTED ELECTIVES (16 QUARTER UNITS): (4) BUS 2 Introduction to Business (3) AGRESEC 18 Business Law Law (5)CHEM 1BGeneral Chemistry(5)(3)CHEM 12AOrganic Chemistry(5)(3)CHEM 12A& Organic Chemistry(5)CHEM 12BOrganic Chemistry(5) CHEM 128A Organic Chemistry CHEM 128B Organic Chemistry CHEM 128B Organic Chemistry

CHEM 128COrganic Chemistry(3) | CHEM 12BOrganic CDESIGN 77Intro to Fashion Design(4) | NO COMPARABLE COURSE (3) CHEM 12B Organic Chemistry (5) MGMT 11A Elem Accounting (4) BUS 1A  $\underline{\&}$  Financial Accounting (4) BUS 1B Managerial Accounting (4) MGMT 11BElem Accounting(4) |NO COMPARABLE COURSEMATH 16BShort Calculus(3) |MATH 16BCalculus for Business (3) and the Life and Social Sciences OR MATH 3B Calculus II (5) (3) | MATH 16B Calculus for Business (3) MATH 16C Short Calculus and the Life and Social Sciences OR MATH 3B Calculus II (5) SOCIOL 25 Popular Culture (4) NO COMPARABLE COURSE Foreign language units may be used to satisfy any or all of the required 16 units. _____

END OF MAJOR

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

#### ====Theatre and Dance A.B.====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis <u>transfer admission webpage</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.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

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

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> 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.

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#### ONE COURSE FROM THE FOLLOWING:

dramart 21a	Fundamentals of Act	(4) NO COURSE ARTICULATED: College has not			
		submitted course(s)for articulation			
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 FOLLOWING COURSES:					

DRAMART 28	Stagecraft & Management (4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf (4)	) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56A	Hist Theatre Dance I (4)	) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
DRAMART 56B	Hist Theatre Dance II (4)	) NO COURSE ARTICULATED: College has not
		submited course(s)for articulation
DRAMART 56C	Hist Theatre Dance III (4)	) NO COURSE ARTICULATED: College has not
		submited course(s)for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

# **REQUIREMENTS FOR ADMISSION:**

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

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

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

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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:

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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)   BIOL 1A General Biology (5)
PL SCI 2	OR Bot Physio Cul Plt	OR (4) NO COMPARABLE COURSE
CHEM 2A CHEM 2B CHEM 2C	Genl Chemistry Genl Chemistry Genl Chemistry	(5) CHEM 1AGeneral Chemistry(5)(5) CHEM 1AGeneral Chemistry(5)CHEM 1BGeneral Chemistry(5)(5) CHEM 1BGeneral Chemistry(5)
 CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
PL SCI 21	Computers in Technology	(3) NO COMPARABLE COURSE

#### OR EQUIVALENT AND advisor APPROVAL

MATH 16A	Short Calculus	(3)	MATH 16A   	Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)	<u>OR</u>  MATH 3A  MATH 16B     OR	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)

			MATH 3B	Calculus II	(5)
PHYSICS 1A	Principles Physics AND	(3)	NO COMPARA 	BLE COURSE AND	
PHYSICS 1B	Principles Physics <b>OR</b>	(3)	NO COMPARA 	BLE COURSE <b>OR</b>	
h) PHYSICS 72	A General Physics	(4)		General Physics General Physics	(5) (5)
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.					7A/B/C ntire UC
VIT-ENO 2 VIT-ENO 3	Intro to Viticult Intro Winemaking		NO COMPARA  NO COMPARA		

#### END OF MAJOR

#### h) 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 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://taq.ucdavis.edu for details regarding UC Davis TAG.

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

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

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

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

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

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the 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 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

UWRITING 1	Expository Writing AND	(4)	ENGL 1A	Composition and Reading AND	(4)
COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMM 45	Public Speaking <b>OR</b>	(3)
COMUNCN 3	Intprsnl Com Cmpetnce OR	(4)	СОММ 20 	Interpersonal Communication Skills <b>OR</b>	(3)
DRAMART 10	Intro To Acting	(4)		ARTICULATED: College has course(s)for articulation	
Note: Comple College requ	ting UWP 1 and Communicat irements.	ion	1 will sim	ultaneously satisfy the	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOL 1A 	General Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOL 1B	General Biology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOL 1A <u>&amp;</u>  BIOL 1B 		(5) (5)
CHEM 2A G	enl Chemistry	(5)	CHEM 1A	General Chemistry	(5)

CHEM 2B CHEM 8A CHEM 8B	Genl Chemistry Organic Chem-Brief Organic Chem-Brief	(2)			(5) (5)
 MATH 16A	Short Calculus	(3)	  MATH 16A     OR	Calculus for Business and the Life and Social Sciences	(3)
MATH 16B	Short Calculus	(3)	MATH 3A  MATH 16B 	Calculus I Calculus for Business and the Life and Social Sciences	(5) (3)
			<u>OR</u>  MATH 3B	Calculus II	(5)
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics		NO COMPARAI		

## ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10 Wildl Ecol Conserve	(4) NO COMPARABLE COURSE
W&F BIO 50 Calif Wild Vertebrates	(3) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
W&F BIO 51 Intro to Conservation	(3) NO COURSE ARTICULATED: College has not
Biology	submitted course(s) for articulation
RECOMMENDED COURSES FOR THE WIL	LDLIFE HEALTH AREA OF SPECIALIZATION:
CHEM 2C Genl Chemistry	(5) CHEM 1B General Chemistry (5)
CHEM 118A Org Chem, Hlth & Sci	(4) CHEM 12A Organic Chemistry (5)
CHEM 118B Org Chem, Hlth & Sci	(4) CHEM 12A & Organic Chemistry (5)
	CHEM 12B Organic Chemistry (5)
CHEM 118C Org Chem, Hlth & Sci	(4) CHEM 12B Organic Chemistry (5)
h) PHYSICS 7A General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7B General Physics	(4) PHYS 3A $\underline{\&}$ General Physics (5)
	PHYS 3B General Physics (5)
h) PHYSICS 7C General Physics	(4) PHYS 3A & General Physics (5)
	PHYS 3B General Physics (5)

END OF MAJOR

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

MATH 21A	Calculus	(4)   MATH 3A	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 3B	Calculus II	(5)

MATH 21C	Calculus	(4)	MATH 3C Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 3C Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 3E Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 3F Differential Equations	(3)
CHEM 2A	Genl Chemistry	(5)	CHEM 1A General Chemistry	(5)
CHEM 2B	Genl Chemistry	(5)		(5) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 1B General Chemistry	(5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE	
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE	
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 12A Organic Chemistry	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)		(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM 12A Organic Chemistry	(5)
CHEM 128B	Organic Chemistry	(3)		(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 12A Organic Chemistry	(5)
q) PHYSICS	9A Classical Physics	(5)	Calculus PHYS 4B & General Physics with Calculus	(5) (5) (5)
q) PHYSICS	-	(5)	Calculus PHYS 4C General Physics with Calculus	(5) (5) (5)
q) PHYSICS	9C Classical Physics	(5)	Calculus	(5) (5)
PHYSICS 9D	Modern Physics	(4)	NO COMPARABLE COURSE	
	Fundamentals of Bioengineering	(4)	NO COMPARABLE COURSE	
ENGIN 4	Graphics in Design	(3)		
	Engr Prob Solving			
			NO COMPARABLE COURSE	

ENGIN 35 Statics (4) | NO COMPARABLE COURSE (4) | NO COMPARABLE COURSE

ENGIN 45	Prop of Mats	(4)	NO	COMPAR	RABLE COURSE	
ENG CS 20	C Sci/Discrete Math	(4)	NO	COMPA	RABLE COURSE	
	Programming PING CS 30	(4)	CI8 	5 6	Introduction to Computer Programming	(5)
	Object-Oriented Program ENG CS 40	(4)	  CIS   	25 OR	Object Orientated Programming Using C++	(4)
			CIS	5 36A OR	Java Programming Language I	(4)
			CI8 	<u>ок</u> 36в	Java Programming Language II	(4)
ENG CS 50	Machine Dependent Prog	(4)	CIS 	5 20	Microcomputer Assembly Language	(4)
ENG CS 36C	Data Structures	(4)	CIS 	5 27	Data Structure and Algorithms	(4)
ENG BS 1	Biosys Engr Fndts	(4)	NO	COMPA	RABLE COURSE	
	Prop Mat in Bio Sys		NO	COMPA	RABLE COURSE	
			NO	COMPA	RABLE COURSE	
ENG CHM 51	Material Balances	(4)	NO	COMPA	RABLE COURSE	
ENG CHM 60	Engineering Problem Solv	(4)	NO	COURSI	E ARTICULATED	
ENG CHM 80	Chem Engr Profession	(1)	NO	COMPA		
ENG E&C 7	Prog & Microcontrollers	(4)	NO 	COURSI	E ARTICULATED	
UWRITING 1	Expository Writing	(4)	ENC	3L 1A	Composition and Reading	(4)
ENGLISH 3	Intro to Lit	(4)	ENC	3L 1B	Composition and Reading	(4)
COMUNCN 1	Intro Public Spkg			1M 45		(3)
	Intprsnl Com Cmpetnce	(4)	CON 			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIC 			
BIOLSCI 2B	Intro Biology: Ecology & Evolution				General Biology	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			)L 1A <u>8</u> )L 1B	General Biology General Biology	(5) (5)
GEOLOGY 50	Physical Geology	(3)	GEC	DL 10	Introduction to Geology	
	Intro to Atmospheric Science					

### END OF MAJOR

 q) This is a series-by-series articulation, not course-by-course. If students do not complete the entire series of 4A, 4B, and 4C at Berkeley City College, they may make up missing material by taking Physics 49 at UC Davis.

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