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

#### ====Aerospace Science and Engineering B.S.==== Special Advising Note:

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

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

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

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

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

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

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#### General Education (GE) Note:

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

### 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 2016-2018 <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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#### REQUIRED FOR ADMISSION:

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a) MATH 21A	Calculus	(4)	MATH 	192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 	193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 	292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 	292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH	194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH	294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS   	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	İ	230 <u>&amp;</u> 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5)	PHYS   	230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM	120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM	120 <u>&amp;</u>		(5)
			CHEM 	121	General College Chemistry II	(5)
a) ENGIN 4	Graphics in Design	(3)		1 120 <b>DR</b>	Engineering Drawing	(3)
				121 v 121	Engineering Drawing/Descriptive Geometry	(3)
a) ENGIN 17	Circuits I	(4)	 ENGIN	1 230	Introduction to Circuits and Devices	(4)
a) ENGIN 35				1 255	Statics	(3)
a) ENGIN 45	Prop of Mats	(4)	ENGI1   	1 240	Properties of Engineering Materials	(4)
a) ENGIN 6	Engr Prob Solving	(4)	ENGI1		Computer Programming	(4)

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

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

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

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

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

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

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END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their 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 2016-18 <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 10	Af-Am Culture & Soc	(4) NO COMPARABLE COURSE
AF-AMST 12	Intro Afro Studies	(4) NO COMPARABLE COURSE

#### ONE COURSE FROM THE FOLLOWING:

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

ANTHRO 2 Cultural Anthropology (4) ANTHR 130 Cultural Anthropology (3)

As of W17, units=5	( 1 )	$\begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 2 \end{bmatrix}$
ECON 1A Princ of Microecon	(4)	ECON 221 Principles of (3)
		Microeconomics
ECON 1B Princ of Macroecon	(4)	ECON 220 Principles of (3)
	( = )	Macroeconomics
SOCIOL 1 Intro Sociology	(5)	SOCIO 120 Introduction to (3)
	( 4 )	Sociology
POL SCI 1 Amer Natl Govt	(4)	POLSC 121 Introduction to (3)
		United States
	( 4 )	Government
POL SCI 2 Intro Comp Politics	(4)	1
		Politics
		OR   DOL GG 200 Germanetics Delibirer (2)
Davan 1 Garage Davahalage	( 1 )	POLSC 220 Comparative Politics (3)
PSYCH 1 General Psychology	(4)	
		Psychology
ONE COURSE FF	ROM T	
CHICANO 10 Intro to Chic Std		NO COMPARABLE COURSE
	(4)	ANTHR 135 Native Americans (3)
N A STD 10 NA Experience	(4)	ANTHR 135 Native Americans (3)
AMR STD 10 Intro American Studies		
A A STD 1 Hist Exp Asian Am	(4)	HIST 129 History of Asian and (3)
		Pacific Islanders in
A A STD 2 Contemp Issues of Asian	(1)	the United States
A A SID Z CONCEMP ISSUES OF ASIAN Americans	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	(4)	SOCSC 220 Women in United (3)
WOM BID 50 INCLO GENACI Scuares	(1)	States Society
		OR
		SOCIO 124 Gender, Culture and (3)
		Society
TWO COURSES F	ROM	THE FOLLOWING:
HISTORY 15 Intro African Hist	(4)	NO COMPARABLE COURSE
Course discontinued as of S18	. ,	I
g) HISTORY 17A U.S. History	(4)	HIST 120 History of the United (3)
		States before 1865
g) HISTORY 17B U.S. History	(4)	HIST 121 History of the United (3)
		States after 1865
4 QUARTER UNITS	5 FRO	M THE FOLLOWING:
AF-AMST 16 African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 51 History Af-Amr Dance	(4)	NO COMPARABLE COURSE
h) DRAMART 41A Beg Jazz Dance	(2)	DANCE 222 Jazz Dance I (1)
		OR
		KNDAN 120A Jazz Dance (.5-2)
		Fundamentals I
DRAMART 41B Inter Jazz Dance		1
DRAMART 44A Beg Hip Hop Dance (	2-4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
DRAMART 44B Inter Hip Hop Dance (	2-4)	NO COURSE ARTICULATED: College has not
	( 1 )	submitted course(s) for articulation
MUSIC 28 Introduction to African American Music	(4)	INO COMPARABLE COURSE
American Music		1

END OF MAJOR

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

or 170+171 - maximum credit, one series.

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

#### ====Agricultural & Environmental Education B.S.==== Special Advising Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

g) HISTORY 17A U.S. History	(4)	HIST 120 	States before 1865
OR POL SCI 1 Amer Natl Govt	(4)	  POLSC 121 	OR Introduction to (3 United States Government
A MINIMUM OF 8 QUARTER UNITS	FRO	M EACH OF T	THE FOLLOWING AREAS:
AN SCI 1 Domest Ani & People		NO COMPARA	
AN SCI 2 Intro Animal Sci		NO COMPARA	
		NO COMPARA	
AN SCI 41 Domestic Ani Prod	(2)	NO COMPARA	ABLE COURSE
ABIOSYT 16 Metal Prop & Fabr		1	ARTICULATED: College has no
ABIOSYT 49 Fld Equip Oper		submitted  NO COMPARA	course(s) for articulation
ABIOSIT 49 FIG Equip Oper ABIOSYT 52 Field Equip Welding		1	ARTICULATED: College has no
ADIOSIT 32 FIELd Equip werding	(2)		course(s) for articulation
AGRESEC 15 Pop,Envr,World Agri	(4)	1	5
AND		submitted	course(s) for articulation <b>AND</b>
ECON 1A Princ of Microecon	(4)	ECON 221	Principles of (3
		İ	Microeconomics
OR			OR
ECON 1B Princ of Macroecon	(4)	ECON 220	Principles of (3 Macroeconomics
k) ENVHORT 1 Intro Envhort/Urb For	(3)	   норт 110	Introduction to (4
	(3)		Horticulture and Plant Science
ENVHORT 6 Intro Environ Plants	(4)	NO COMPARA	
k) PL SCI 5 Plants Gard, Orch &			
Land			Horticulture and Plant Science
FORMERLY PLANT BIO 1		I	
	(3)	BIOSC 170	Environmental Science (3
Environment		OR	
		ENGIN 130	Energy, Society, and (3

	the Environment <b>students who have completed ENV S&amp;P 1</b> (3) NO COMPARABLE COURSE	
51	(3) NO COURSE ARTICULATED: College has submitted course(s) for articulatic	
PL SCI 1 Agr Nature & Society PL SCI 2 Bot Physio Cul Plt	(3) NO COMPARABLE COURSE (4) NO COURSE ARTICULATED: College has submitted course(s)for articulation	
PL SCI 15 Intro Sustainable Agriculture PL SCI 49 Org Crop Prod Prac	<pre>(4) NO COURSE ARTICULATED: College has     submitted course(s) for articulatic   (3) NO COURSE ARTICULATED: College has</pre>	on
VIT-ENO 2 Intro to Viticult VIT-ENO 3 Intro Winemaking	<pre>(0)   submitted course(s) for articulatic (2)   NO COMPARABLE COURSE (3)   NO COMPARABLE COURSE</pre>	
-	FOLLOWING COURSES:	
BIOLSCI 2A Intro Biology:Life on Earth BIOLSCI 2B Intro Biology: Ecology	Cellular and Molecular Biology	(5)
& Evolution	Organismal Biology, Evolution and Ecology	
CHEM 2A Genl Chemistry	(5) CHEM 120 General College   Chemistry I	(5)
CHEM 2B Genl Chemistry	(5) CHEM 120 <u>&amp;</u> General College   Chemistry I  CHEM 121 General College	(5) (5)
	Chemistry II	(5)
m) GEOLOGY 1 The Earth GEOLOGY 20 California Geology SOILSCI 10 Soils in Our	<pre>(4) GEOL 120 Physical Geology (2) GEOL 125 Geology of California (3) HORT 120 Soil Science and</pre>	(3) (3) (3)
Environment	Management	
MATH 16A Short Calculus	(3) MATH 182 Calculus for Management, Life Science and Social Science I	(4)
MATH 16B Short Calculus OR	(3) MATH 183 Calculus for Management, Life Science and Social Science II OR	(4)
MATH 17A Calculus for BioSci MATH 17B Calculus for Biosci <b>OR</b>	(4) NO COMPARABLE COURSE	
MATH 21A Calculus	(4) MATH 192 Analytic Geometry and Calculus I	
MATH 21B Calculus	(4) MATH 193 Analytic Geometry and Calculus II	(5)
j) PHYSICS 7A General Physics	(4) PHYS 120 <u>&amp;</u> General College	(4)
	Physics I PHYS 121 General College Physics II	(4)
j) PHYSICS 7B General Physics	(4) PHYS 120 <u>&amp;</u> General College	(4)

		Physics	I	
PHYS	121	General	College	(4)
		Physics	II	

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

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

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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. Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

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

 $\underline{\texttt{General Catalog}}$  . Quick reference charts for  $\underline{\texttt{AP}}$  and  $\underline{\texttt{IB}}$  are also

available from our TAG website.

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

#### ONE COURSE FROM THE FOLLOWING:

AMR	STD	1A		(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: 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
5	Same	as:	FD S&T 55		submitted course(s) for articulation
AMR	STD	59	Music and American	(4)	NO COMPARABLE COURSE
			Culture		

#### ONE COURSE FROM THE FOLLOWING:

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

#### ONE COURSE FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR	130	Cultural Anthropology	(3)
As of W17,	units=5					
SOCIOL 2	Self and Society	(4)	PSYCH	225	Social Psychology	(3)
WOM STD 50	Intro Gender Studies	(4)	SOCSC	220	Women in United	(3)
		ĺ			States Society	
		Í	05			

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SOCIO 124

Gender, Culture and (3)

Society

#### ONE COURSE FROM THE FOLLOWING:

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

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#### ONE COURSE FROM THE FOLLOWING:

 FILM ST 1
 Intro to Film Studies
 (4) FTVE 205
 Introduction to Film
 (3)

 and Media Arts

Formerly Humanities 10 END OF MAJOR

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

#### ====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.

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

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

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avarrabre					
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOS(	c 130	Principles of (5 Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOS	C 131	51
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life			2 131	
CHEM 2A	Genl Chemistry	(5)	CHEM 	120	General College (5 Chemistry I
CHEM 2B	Genl Chemistry	(5)		120 <u>8</u> 121	General College (5 Chemistry I General College (5 Chemistry II
CHEM 2C	Genl Chemistry	(5)	CHEM 	121	General College (5 Chemistry II
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief <b>OR</b>		CHEM  CHEM 		Organic Chemistry I (5 Organic Chemistry II (5 <b>OR</b>
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	1	226 8	💁 Organic Chemistry I 🤅 (5
 МАТН 16А	Short Calculus	(3)	   MATH 	182	Calculus for (4 Management, Life

			I	Science and Social	
				Science I	
MATH 16B	Short Calculus	(3)	  MATH 183	Calculus for	(4)
101111 202		(0)		Management, Life	( - )
				Science and Social	
				Science II	
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for	(4)
				Management, Life	
				Science and Social	
				Science II	
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPARAE	BLE COURSE	
MATH 17B	Calculus for Biosci	(4)	NO COMPARAE	BLE COURSE	
MATH 17C	Calculus for BioSci	(4)	NO COMPARAE	BLE COURSE	
	OR			OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and	(5)
				Calculus I	
MATH 21B	Calculus	(4)	MATH 193		(5)
10 TH 01 C		(		Calculus II	( = )
MATH 21C	Calculus	(4)	MATH 292		(5)
				Calculus III	
i) PHYSICS	7A General Physics	(4)	PHYS 120 &	General College	(4)
J, 1118108		( = )		Physics I	( - )
			PHYS 121		(4)
				Physics II	( )
			I	-	
j) PHYSICS	7B General Physics	(4)	PHYS 120 &	General College	(4)
				Physics I	
			PHYS 121	General College	(4)
				Physics II	
j) PHYSICS	7C General Physics	(4)	PHYS 120 <u>&amp;</u>	General College	(4)
				Physics I	
			PHYS 121		(4)
TE 25 12 13				Physics II	

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

STATIST 13 Same as: 2	Elementary Statistics STATIST 13Y	(4)	MATH 144 <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
			OR		
			BUS 240	Business Statistics	(3)
AN BIOL 50A	Animal Biol Lab	(2)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
AN BIOL 50B	Animal Biology	(3)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
AN BIOL 50C	Animal Biology	(3)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulati	on
			, 		

END OF MAJOR

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

both series.

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

#### Special Advising Note:

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AN SCI 1 AN SCI 2	±			ABLE COURSE ABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131		(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC 131   	51	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>    CHEM 121 	Chemistry I	(5) (5)
	Organic Chem-Brief Organic Chem-Brief		CHEM 226  CHEM 227		(5) (5)
PL SCI 21	Computers in Technology OR	(3)	NO COMPARA 	ABLE COURSE OR	
B) ENG CS 1	5 Intro to Computers	(4)		ARTICULATED: College has a course(s) for articulation	
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220		(3)
MGMT 11A	Elem Accounting	(4)	BUSAC 186	Financial Accounting	(4)

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

#### AREAS OF SPECIALIZATION:

#### AQUATIC ANIMALS SPECIALIZATION

AN	SCI	18	Intro Aquacult	ure	(4) NC	COMPARA	ABLE COURSE		
			C	OMPANION AN	IIMALS	SPECIAL	IZATION		
AN			Intro Comp Ani		(4)   NC	COMPARA	ABLE COURSE	:	
				DAIRY SPEC	CIALIZA	TION			
AN	SCI	41L	Domestic Ani P: Domest An Proc	d Lab	(2) NC  su	COURSE		D: College	
				EQUINE SPE		ATION			
AN	SCI	15	Intro Horse Hu	sb 	(3) NC	COMPARA	ABLE COURSE		
			1	LIVESTOCK S	SPECIAI	IZATION			
AN AN	SCI SCI	41L	Domestic Ani P Domest An Proc	d Lab	(2) NC  su	COURSE	ABLE COURSE ARTICULATE course(s)f	D: College or articul	ation
				POULTRY SE					
AV 	SCI	11	Intro Poultry	Sci	(3) NC	COMPARA	ABLE COURSE		
			RESTR:	ICTED ELECI	IVES (	12 QUAR	TER UNITS):		
			Business Law						

END OF MAJOR

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

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

#### Special Advising Note:

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	Domest Ani & People Intro Animal Sci Domestic Ani Prod Domest An Prod Lab	(4) (2)	NO CON NO CON NO COU	MPARAB MPARAB JRSE A	LE COURSE LE COURSE LE COURSE RTICULATED: College has ourse(s)for articulation	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC   	130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC	131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSC	131		(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 1 	120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM ]    CHEM ] 	—	General College Chemistry I General College Chemistry II	(5) (5)
	Organic Chem-Brief Organic Chem-Brief OR		CHEM 2  CHEM 2 		Organic Chemistry I Organic Chemistry II OR	(5) (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 2 CHEM 2 CHEM 2	226 <u>&amp;</u>	Organic Chemistry I Organic Chemistry I Organic Chemistry II	(5) (5) (5)
матн 16а	Short Calculus	(3)	  MATH 1   	 182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	  MATH 1 	183	Calculus for Management, Life	(4)

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

#### AREAS OF SPECIALIZATION:

#### AQUATIC ANIMALS

71 NT	COT	1.0	Thtro	Nannanijti	iro	(A) NO	COMPARABLE	COURSE
					AVIAN SC	CIENCES		
AV					Env		COMPARABLE	COURSE
				COME	PANION AND	CAPTIVE	E ANIMALS	
					Bio		COMPARABLE	COURSE
					EQUINE S	SCIENCE		
AN					sb		COMPARABLE	COURSE
					LABORATO		ALS	
AN							COMPARABLE	COURSE
					POUL	ſRY		
							COMPARABLE	COURSE
		MAJOR						
	====Anthropology A.B.====							
Spe	ecial	L Advi	sing No	te:				
as the	Transfer students are strongly advised to complete as many preparatory courses as possible for 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

<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.

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

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#### ONE COURSE FROM THE FOLLOWING:

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

ANTHRO 13 Sci Method in Physical (4) NO COMPARABLE COURSE Anthropology STATIST 13 Elementary Statistics (4) MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE SOCIOCULTURAL EMPHASIS: ANTHRO 2 Cultural Anthropology (4) ANTHR 130 Cultural Anthropology (3) As of W17, units=5 \_\_\_\_\_ TWO COURSES FROM THE FOLLOWING: ANTHRO 1 Human Evol Biol (4) ANTHR 140 & Biological (3) Anthropology ANTHR 141L Biological (1)Anthropology Laboratory 1) ANTHRO 3 Intr to Archaeology (4) ANTHR 125 Introduction to (3) Archaeology and Prehistory ANTHRO 4 Anthro Linguistics (4) ENGL 124 The Nature of (3) Language: An Introduction to Linguistics \_\_\_\_\_

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

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

#### 2) Two courses from the following list:

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

#### END OF MAJOR

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

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

#### Special Advising Note:

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			ANTHR   	141L	1 31
ANTHRO 2 C As of W17, un	ultural Anthropology its=5	(4)	ANTHR	130	
1) ANTHRO 3	Intr to Archaeology	(4)	ANTHR   	125	Introduction to (3 Archaeology and Prehistory
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC   	130	Principles of (5 Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC	131	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC	131	
CHEM 2A Get	nl Chemistry	(5)	CHEM ] 	120	General College (5 Chemistry I
CHEM 2B Ger	nl Chemistry	(5)	İ	_	General College (5 Chemistry I General College (5

Chemistry II \_\_\_\_\_ -----CHEM 8AOrganic Chem-Brief(2) CHEM 226Organic Chemistry I(5)CHEM 8BOrganic Chem-Brief(4) CHEM 227Organic Chemistry II(5) OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 226 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 226 & Organic Chemistry I (5) CHEM 227 Organic Chemistry II (5) \_\_\_\_\_ (3) MATH 182 Calculus for (4) MATH 16A Short Calculus Management, Life Science and Social Science I MATH 16B Short Calculus (3) | MATH 183 Calculus for (4) Management, Life Science and Social Science II MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social Science II OR OR MATH 17ACalculus for BioSci(4) NO COMPARABLE COURSEMATH 17BCalculus for Biosci(4) NO COMPARABLE COURSE MATH 17C Calculus for BioSci (4) NO COMPARABLE COURSE OR OR MATH 21A Calculus (4) MATH 192 Analytic Geometry and (5) Calculus I (4) | MATH 193 Analytic Geometry and (5) MATH 21B Calculus Calculus II MATH 21C Calculus (4) MATH 292 Analytic Geometry and (5) Calculus III \_\_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: ANTHRO 13 Sci Method in Physical (4) NO COMPARABLE COURSE Anthropology Anthropology SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE STATIST 13 Elementary Statistics (4) | MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science \_\_\_\_\_ RECOMMENDED COURSES FOR THIS MAJOR: ANTHRO 15Human Life Cycle(5) NO COMPARABLE COURSEANTHRO 50Evolution and Human(4) NO COURSE ARTICULATED: College has not Nature m) GEOLOGY 1 The Earth submitted course(s)for articulation (4) GEOL 120 Physical Geology (3) (4) PSYCH 101 Introduction to Psychology PSYCH 1 General Psychology (3) \_\_\_\_\_ END OF MAJOR

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

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

#### Special Advising Note:

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

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

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

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

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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.

#### Recommended Language Preparation Note:

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

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

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

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

#### Or high school equivalent

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				Calculus III
MATH 22B MATH 25				Differential Equations (5) ARTICULATED: College has not
1.1111 23		( 1)		course(s) for articulation
MATH 22AL	Lin Alg Comp Lab	(1)		ARTICULATED: College has not course(s)for articulation
	or equivalent basic kn BOTH OF THE		dge of MATI	LAB.
MATH 22A				Linear Algebra (3) AND
MATH 108		(4)	  This cours	se must be taken at UC Davis
	OR SELECT T	HE F	OLLOWING CO	DURSE:
MATH 67	Modern Linear Algebra	(4)		ARTICULATED: College has not course(s) for articulation
can learn in the one		Engi AL (1	neering 6, may be take	
			COMSC 110	Introduction to (4) Programming
			<u>OR</u>  COMSC 165 	Advanced Programming (4) with C and C++
			COMSC 255	Programming with Java (4)
			<u>OR</u>  ENGIN 135   	Programming for (4) Scientists and Engineers
	C18, Course Number = ENG CS Sftwr/Obj-Orien:C++		COMSC 200	
As of F	18, Course Number = ENG CS	36B		Programming C++
Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.				
STUD	ENTS WILL NEED TO CHOOSE ON			~
BIOLSCI 2A	A Intro Biology:Life on Earth	(5)	BIOSC 130	Cellular and
BIOLSCI 2E	Intro Biology: Ecology & Evolution	(5)	  BIOSC 131 	Molecular Biology Principles of (5) Organismal Biology, Evolution and Ecology
	OR			OR
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM 120 4	General College (5) Chemistry I
			CHEM 121	General College (5) Chemistry II
<b>ECON</b> 13	OR Decima of Mission and	( 1 )		OR (2)

(4) ECON 221

(4) ECON 220

Principles of

Microeconomics

Principles of

(3)

(3)

ECON 1A

ECON 1B

Princ of Microecon

Princ of Macroecon

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

END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents). -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE -Mathematics 21A/B/C/D -Mathematics 22A/B

\*Information for future applicants is subject to change

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

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

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

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

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

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AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

and Scientists B: Heat and Electro-Magnetism PHYSICS 9D Modern Physics (4) PHYS 231 Physics for Engineers (4) and Scientists C: Optics and Modern Physics OR OR PHYSICS9HAHonorsPhysicsPHYSICS9HBHonorsPhysicsPHYSICS9HCHonorsPhysics (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE DEPENDING ON AREA OF CONCENTRATION: PHYSICS 9HDHonors Physics(5) NO COMPARABLE COURSEPHYSICS 9HEHonors Physics(5) NO COMPARABLE COURSE \_\_\_\_\_

MATH 21A	Calculus	(4)	MATH 	192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	292	Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	292	Analytic Geometry and Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	194	Linear Algebra	(3)
MATH 22B	5				Differential Equations	(5)
	Differmer nquations	(3)	1	201	Differenciai Equacions	(3)
PHYSICS 80	Experimental Techniques	(4)				
ENG CS 30	Programming&Prob Solving	(4)			Introduction to Programming	(4)
ENG CS 30	Programming&Prob Solving	(4)		OR	Programming	. ,
ENG CS 30	Programming&Prob Solving	(4)	   <u>(</u>   COMSC	<mark>DR</mark> C 165	Programming	(4) (4)
ENG CS 30	Programming&Prob Solving	(4)	   <u>(</u>   COMSC	OR	Programming Advanced Programming	. ,
ENG CS 30	Programming&Prob Solving	(4)	   <u>(</u>  Comso     <u>(</u>	<mark>DR</mark> C 165	Programming Advanced Programming	(4)
ENG CS 30	Programming&Prob Solving	(4)	<u>(</u>  COMSC     <u>(</u>  COMSC	<b>DR</b> C 165 <b>DR</b>	Programming Advanced Programming with C and C++	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC   COMSC   COMSC   COMSC	<u>DR</u> 2 165 DR 2 255 DR	Programming Advanced Programming with C and C++ Programming with Java	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC   COMSC   COMSC   COMSC	DR 2 165 DR 2 255	Programming Advanced Programming with C and C++ Programming with Java Programming for	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC   COMSC   COMSC   COMSC	<u>DR</u> 2 165 DR 2 255 DR	Programming Advanced Programming with C and C++ Programming with Java Programming for Scientists and	(4)
	Programming&Prob Solving 8, Course Number = ENG CS		COMSC   COMSC   COMSC   COMSC	<u>DR</u> 2 165 DR 2 255 DR	Programming Advanced Programming with C and C++ Programming with Java Programming for	(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.

	CHEMICAL P	HYSICS CONCENTRA	TION	
CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>    CHEM 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C	Genl Chemistry	(5) CHEM 121 	General College Chemistry II	(5)
	COMPUTATIONA	L PHYSICS CONCEN	TRATION	
	Sftwr/Obj-Orien:C++	(4)   COMSC 200		(4)
ENGIN 17		ECTRONICS CONCENT (4)   ENGIN 230 	Introduction to Circuits and Devices	(4)
	PHYSICAL OCEA	NOGRAPHY CONCENT	 RATION	
CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
	OR	Ì	OR	
СНЕМ 2АН	Honors Genl Chemistry	1	ARTICULATED: College has course(s) for articulati	

#### END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

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#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <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 2016-18 <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:

		TOOK COOKDED II	.011 .				
ARTHI	1A	Ancient Mediterranean Art	(4)	ARTHS	195	History of	(3)
						Prehistoric and	
						Ancient Art	
ARTHI	1B	Mediev&Renaiss Art	(4)	ARTHS	196	History of Medieval	(3)
						and Renaissance Art	
ARTHI	1C	Baroque to Modern Art	(4)	ARTHS	197	History of Baroque to	(3)
						20th Century Art	
ARTHI	1D	Arts of Asia	• •	ARTHS			(3)
ARTHI	1E	Islamic Art &	(4)	NO COU	JRSE	ARTICULATED: College has	not

Architecture		submitted	course(s) for articulation
ARTHI 5 Visual Culture	(4)	ARTHS 199 	Contemporary Art (3) History
ARTHI 25 Understanding Architecture	(4)	ARCHI 158   	-
ONE ART ST	UDIO (	COURSE FROM	1:
d) ART 2 Beginning Drawing ART 5 Beginning Sculpture		ART 105  ART 102       <b>OR</b>	Drawing I (3) Introduction to (3) Sculpture and Three-Dimensional Design
ART 7 Beginning Painting	(4)	ART 138	Sculpture I (3) Painting I: (3) Introduction to Painting
		<u>OR</u>  ART 126A <u>8</u>   	Introduction to (1.5) Oil/Acrylic Painting A
		ART 126B	Introduction to (1.5) Oil/Acrylic Painting B
ART 8 Beginning Ceramic Sculpture	(4)	NO COMPARA	ABLE COURSE
ART 9 Beginning Photography	(4)	ART 160	Photography I (3)
ART 11 Beginning Printmaking	(4)	ART 110	Introduction to (3) Printmaking
ART 12 Beginning Video	(4)	FTVE 160     <b>OR</b>	Introduction to Film (3) Production
		<u>OR</u>  FTVE 161 	Intermediate Film (3) Production
ART 24 Intro Experimental Video and Film	(4)		ARTICULATED: College has not course(s) for articulation
END OF MAJOR			COURSE(S) FOR ALLICULATION

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

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

#### Special Advising Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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

#### END OF MAJOR

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

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

#### Special Advising Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{General\ Catalog}$  . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also

available from our TAG website.

A A STD 1	Hist Exp Asian Am	(4)	HIST 129	History of Asian and (3)
				Pacific Islanders in
				the United States
A A STD 2	Contemp Issues of Asian	(4)	NO COURSE	ARTICULATED: College has not
	Americans		submitted	course(s)for articulation
a a std 3	Social & Psychological	(4)	NO COURSE	ARTICULATED: College has not
	Perspectives of Asian		submitted	course(s) for articulation
	Americans		İ	
a a std 4	Asian Amer Cultural	(4)	NO COURSE	ARTICULATED: College has not
	Studies		submitted	course(s) for articulation
			, 	

AT LEAST TWO COURSES FROM THE FOLLOWING:

AF-AMST 10 Af-Am Culture & Soc	(4) NO COMPARABLE COURSE
AF-AMST 12 Intro Afro Studies	(4) NO COMPARABLE COURSE
AF-AMST 15 Intro Afro Amer Hum	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
AF-AMST 16 African Verbal Arts	(4) NO COMPARABLE COURSE
AF-AMST 17 Women in Africa	(4)   NO COMPARABLE COURSE
AF-AMST 18 Intro Caribbean Studies	(4) NO COURSE ARTICULATED: College has not
	submitted course(s)for articulation
AF-AMST 50 Blk Images Pop Cult	(4) NO COMPARABLE COURSE
AF-AMST 51 History Af-Amr Dance	(4) NO COMPARABLE COURSE
AF-AMST 52 Afr Tradit Relig	(4) NO COMPARABLE COURSE
AF-AMST 80 Black Politics	(4) NO COMPARABLE COURSE
AMR STD 1A Science and American	(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 10 Intro American Studies	(4) NO COMPARABLE COURSE
AMR STD 21 Objects & Everyday Life	(4) NO COMPARABLE COURSE
AMR STD 25 U.S. as Business	(4) 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 COMPARABLE COURSE
Culture	
CHICANO 10 Intro to Chic Std	(4) NO COMPARABLE COURSE
CHICANO 21 Hlth Care Issues	(4) NO COMPARABLE COURSE
CHICANO 30 US Poli & Chicanos	(4)  HIST 125 History of the United (3)
	States: A Mexican
	American Perspective
CHICANO 40 Comparative Health	(4) NO COURSE ARTICULATED: College has not
Chicado 40 Comparacive hearch	submitted course(s) for articulation
CHICANO 50 Chicano Culture	(4) PSYCH 141 Psychology of (3)
Chicano 50 chicano culture	Latinos/Chicanos in
	the U.S.
CHICANO 60 Chicana and Chicano	
CHICANO OU CHICANA ANU CHICANO	(4) NO COMPARABLE COURSE

Representn in CinemaCHICANO 65New Latin American<br/>CinemaCHICANO 70Survey Chic ArtCHICANO 73Art Expr Silk ScrN A STD 1Intro NA StudiesN A STD 5Intro NA Literature(4)NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation(4)NO COMPARABLE COURSE(4)NO COMPARABLE COURSE(4)NO COMPARABLE COURSE(4)ANTHR 135N A STD 1Intro NA Literature(4)ENGL 164(4)Native American(3)Literatures(4)ENGL 164(4)COURSE APTICULATED: College has not N A STD 7 Indig & Minority Langs (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation | submitted course(s)for articulationN A STD 10NA Experience(4) | ANTHR 135Native Americans(3) N A STD 12 Native Amer/Indigenous (4) NO COURSE ARTICULATED: College has not Film|submitted course(s)for articulationN A STD 32NA Music & Dance(4) |MUSIC 116Native American Music (3)of the Americas N A STD 33Intro NA Art(4)NO COMPARABLE COURSEN A STD 34NA Art Workshop(4)NO COMPARABLE COURSEWOM STD 20Cult Repr of Gndr(4)NO COMPARABLE COURSEWOM STD 25Gender & Global Cinema(4)NO COURSE ARTICULATED: College has not WOM STD 25 Gender & Global Cline | submitted course(s) for articulation WOM STD 50 Intro Gender Studies (4) SOCSC 220 Women in United (3) States Society OR SOCIO 124 Gender, Culture and (3) Society 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 13 Sci Method in Physical (4) NO COMPARABLE COURSE Anthropology 

 ARTHI 5
 Visual Culture
 (4) | ARTHS 199
 Contemporary Art
 (3) |

 ART 10
 Fine Art Appreciation
 (3) | NO COMPARABLE COURSE

 AS OI W1/, UNITS = 4 ART 30 Contemp Vis Culture (4) NO COMPARABLE COURSE CHICANO 23 Qualitative Research (4) NO COURSE ARTICULATED: College has not Methods submitted course(s) for articulation ENGLISH 42 Approaches to Reading (4) NO COMPARABLE COURSE N A STD 46 Orientation to Research (4) NO COMPARABLE COURSE in NAS As of W17, units = 4PHILOS 5 Critical Reasoning (4) PHILO 130 Logic and Critical (3) Thinking Thinking OR | <u>OR</u> |ENGL 126 Critical Thinking: (3) The Shaping of Meaning in Language POL SCI 51Scientific Study of<br/>Politics(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation POILTICSSubmitted Course(s) for articulationPSYCH 41Research Methods(4) PSYCH 215Introduction to (3) Research Methods in Psychology SOCIOL 46A Intro Social Rsch (4) SOCIO 123 Introduction to (3) Social Research SOCIOL 46BIntro Social Rsch(5)NO COMPARABLE COURSESTATIST 13Elementary Statistics(4)MATH 144Statway II (4) Same as: STATIST 13Y 
 OR

 MATH 142
 Elementary Statistics (4)

 with Probability
 OR OR BUS 240 Business Statistics (3) \_\_\_\_\_

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . 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)		RTICULATED: College has ourse(s)for articulatio	
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College	(5)
			  CHEM 121 	Chemistry I General College Chemistry II	(5)
ENG CS 30	Programming&Prob Solving	r (4)		Introduction to Programming	(4)
			<u>OR</u>  COMSC 165 	Advanced Programming with C and C++	(4)
			COMSC 255	Programming with Java	(4)
As of F	18. Course Number = ENG CS	36A	<u>OK</u>   ENGIN 135 	Programming for Scientists and Engineers	(4)
As of F18, Course Number = ENG CS 36A					

or a course selected with advisor's approval

\_\_\_\_\_ (4) MATH 192 Analytic Geometry and (5) MATH 21A Calculus Calculus I (4) MATH 193 Analytic Geometry and (5) MATH 21B Calculus Calculus II (4) MATH 292 Analytic Geometry and (5) MATH 21C Calculus Calculus III (4) | MATH 292 MATH 21D Vector Analysis Analytic Geometry and (5) Calculus III MATH 22ALinear Algebra(3)MATH 194Linear Algebra(3)MATH 22BDifferntl Equations(3)MATH 294Differential Equations (5) \_\_\_\_\_ ATM SCI 60 Intro to Atmospheric (4) NO COMPARABLE COURSE Science \_\_\_\_\_

PHYSICS 9A	Classical Physics	(5)	PHYS   	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS   	230 <u>&amp;</u>	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS   	231	5	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS   	230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH		Statway II	(4)
Dame as.	STATIST TST		<u>OR</u>  MATH 	142	Elementary Statistics with Probability	(4)
			<u>Or</u>  BUS 2		Business Statistics	(3)

### PREPARATION FOR GRADUATION:

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

#### END OF MAJOR

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

## Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall

enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <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 2016-18 UC Davis General Catalog online.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### REQUIRED FOR ADMISSION:

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

			Optics and Modern Physics	
a) PHYSICS 9C Classical Physics	(5)    	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) CHEM 2A Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
		CHEM 121	General College Chemistry II	(5)
a) CHEM 2C Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
a) CHEM 128A Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
a) CHEM 128B Organic Chemistry	(3)	CHEM 226 <u>&amp;</u> CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
a) CHEM 129A Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
a) BIOLSCI 2A Intro Biology:Life on Earth	(5)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
ENG CHM 60 Engineering Problem Solv	(4)			
a) ENG CS 30 Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
		OR COMSC 165	Advanced Programming with C and C++	(4)
		OR COMSC 255	Programming with Java	(4)
		<u>OR</u> ENGIN 135	Programming for Scientists and Engineers	(4)
<b>OR</b> a) ENGIN 6 Engr Prob Solving	(4)	ENGIN 136	<b>OR</b> Computer Programming	(4)
a) ENGIN 0 ENGI FIOD SOLVING	( - )		for Engineers Using MATLAB	(1)
Required for admission. Students m course in a higher level language in engineering, physical sciences,	inter	nded for stud		
a) UWRITING 1 Expository Writing	(4)	ENGL 122	Freshman English: Composition and Reading	(3)
OR a) ENGLISH 3 Intro to Lit	(4)	ENGL 123	OR Critical Thinking:	(3)
a, ENGLISH S INCLU LU LU	(+)		Composition and Literature	(5)
For certain majors, the College of En	aines	ering require	a one English course as	

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

### **REQUIRED FOR GRADUATION:**

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

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

## Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

# (for 2018-19)

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

Mathematics 17A/B/C <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 <a href="http://tag.ucdavis.edu">http://tag.ucdavis.edu</a> for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\text{General Catalog}}$ . 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)	BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A Ge	nl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B Ge	nl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121 	General College Chemistry II	(5)
CHEM 2C Ge	nl Chemistry	(5)	CHEM 121	General College	(5)

	OR		Chemistry II OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
СНЕМ 2ВН	Honors Genl Chemistry	(5)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17A MATH 17B MATH 17C	Calculus for BioSci Calculus for Biosci Calculus for BioSci OR	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
MATH 21A		(4)	MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193 Analytic Geometry and (5) Calculus II
j) PHYSICS	7A General Physics	(4)	PHYS 120 & General College (4) Physics I
			PHYS 121General College(4)Physics II
j) PHYSICS	7B General Physics	(4)	PHYS 120 <u>&amp;</u> General College (4) Physics I
			PHYS 121 General College (4) Physics II
j) PHYSICS	7C General Physics	(4)	PHYS 120 & General College (4) Physics I
			PHYS 121 General College (4) Physics II
their commu series befo series may Davis, and	nity college that is equi re transferring. Students be required to take addit	valen who ional	mplete an entire physics series at t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC vis advisor before continuing with
physics.	OR		OR
PHYSICS 9A	Classical Physics	(5)	PHYS 130 Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5)	PHYS 230 & Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
			PHYS 231 Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYS 230       Physics for Engineers (4)         and Scientists B: Heat         and Electro-Magnetism
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 226       Organic Chemistry I       (5)         CHEM 226       & Organic Chemistry I       (5)         CHEM 226       & Organic Chemistry I       (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227Organic Chemistry II(5)CHEM 227Organic Chemistry II(5)

	OR		OR			
CHEM 128A	Organic Chemistry	(3) CH	HEM 226	Organic Chemistry I (5)		
CHEM 128B	Organic Chemistry	(3) CH	HEM 226	▲ Organic Chemistry I (5)		
		CH	HEM 227	Organic Chemistry II (5)		
CHEM 128C	Organic Chemistry	(3)   CH	HEM 227	Organic Chemistry II (5)		
CHEM 129A	Organic Chem Lab	(2)   CH	HEM 226	Organic Chemistry I (5)		
CHEM 129B	Organic Chem Lab	(2)   CH	HEM 226	▲ Organic Chemistry I (5)		
		CH	HEM 227	Organic Chemistry II (5)		
 MATH 21C	Calculus	<b>RECOMMENDE</b> (4)   MA	<b>ED:</b> ATH 292	Analytic Geometry and (5) Calculus III		

END OF MAJOR

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

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

## Special Advising Note:

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

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

## REQUIREMENTS FOR ADMISSION:

#### (for 2018-19)

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

> Mathematics 17A/B/C <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> 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 <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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5)

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Earth BIOLSCI 2B Intro E	Biology: Ecology	(5)		1 2 1	Cellular and Molecular Biology Principles of (5)
& Evolu		(5)	   	2 131	Organismal Biology, Evolution and Ecology
	Biology: Prsity & the Tree		BIOS(   	2 131	
CHEM 2A Genl Chemi	stry	(5)	CHEM 	120	General College (5) Chemistry I
CHEM 2B Genl Chemi	stry	(5)	CHEM 	120 <u>8</u>	General College (5) Chemistry I
			CHEM	121	
CHEM 8A Organic Ch	nem-Brief	(2)	CHEM	226	Organic Chemistry I (5)
CHEM 8B Organic Ch OR	nem-Brief	(4)	CHEM	227	
	n, Hlth & Sci		CHEM		<b>2</b>
CHEM 118B Org Chem	n, Hlth & Sci	(4)	CHEM		
CHEM 118C Org Chem	n, Hlth & Sci	(4)	CHEM		Organic Chemistry II (5)
MATH 17A Calculus	for BioSci	(1)			ABLE COURSE
	for Biosci		1		ABLE COURSE ABLE COURSE OR
MATH 21A Calculus		(4)	MATH	192	
MATH 21B Calculus		(4)	   MATH 	193	Calculus I Analytic Geometry and (5) Calculus II
j) PHYSICS 1A Prin	nciples Physics	(3)	   PHYS 	120	General College (4) Physics I
j) PHYSICS 1B Prin	nciples Physics	(3)	PHYS	121	General College (4) Physics II
OF	ł				OR
j) PHYSICS 7A Gene	eral Physics	(4)	PHYS	120 <u>8</u>	General College (4) Physics I
			PHYS	121	General College (4)
					Physics II
j) PHYSICS 7B Gene	eral Physics	(4)	PHYS 	120 <u></u>	General College (4) Physics I
			PHYS	121	General College (4) Physics II
		<i>.</i> .	·		
j) PHYSICS 7C Gene	eral Physics	(4)	PHYS 	120 <u>8</u>	General College (4) Physics I
			PHYS	121	General College (4) Physics II
It is highly recommen	nded that students	5 COI	 mplete	e an e	entire physics series at
their community colle	ege that is equiva	alen	t to t	che er	ntire UC Davis Physics 7A/B/C
					ithout completing an entire
					ourses upon arrival at UC r before continuing with
physics.		u	~ 40	. 2001	

# RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 121 General College (5) Chemistry II
MATH 17C	Calculus for BioSci <b>OR</b>	(4) NO COMPARABLE COURSE
MATH 21C	Calculus	(4) MATH 292 Analytic Geometry and (5) Calculus III

END OF MAJOR

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

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

## Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

Mathematics 17A/B/C <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.

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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)	BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC 131		(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	СНЕМ 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121	General College Chemistry II	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief <b>OR</b>		CHEM 226 CHEM 227	Organic Chemistry I Organic Chemistry II <b>OR</b>	(5) (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)

Org Chem, Hlth & Sci (4) CHEM 226 <u>&</u> Organic Chemistry I CHEM 118B (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 227 Organic Chemistry II (5) CHEM 118C Org Chem, Hlth & Sci (4) CHEM 227 Organic Chemistry II (5) \_\_\_\_\_ MATH17ACalculus for BioSci(4) NONOCOMPARABLECOURSEMATH17BCalculus for BioSci(4) NOCOMPARABLECOURSEMATH17CCalculus for BioSci(4) NOCOMPARABLECOURSE OR OR MATH 21A Calculus (4) MATH 192 Analytic Geometry and (5) (4) MATH 193 Analytic Geometry and (5) MATH 21B Calculus Calculus II \_\_\_\_\_ j) PHYSICS 7A General Physics (4)|PHYS 120 🛓 General College (4) Physics I PHYS 121 General College (4) 1 Physics II j) PHYSICS 7B General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7C General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. \_\_\_\_\_

#### RECOMMENDED COURSES FOR THIS MAJOR:

MATH	21C	Calculus	

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

END OF MAJOR

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

# ====Biological Systems Engineering B.S.==== Special Advising Note:

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

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

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

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

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### REQUIRED FOR ADMISSION:

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

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

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

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

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

**REQUIRED FOR GRADUATION:** 

a) CHEM 8A Organic Chem-Brief (2) CHEM 226 Organic Chemistry I (5) OR OR a) CHEM 118A Org Chem, Hlth & Sci (4) CHEM 226 Organic Chemistry I (5) AND AND a) CHEM 8B Organic Chem-Brief (4) CHEM 227 Organic Chemistry II (5) OR OR a) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 226 & Organic Chemistry I (5) CHEM 227 Organic Chemistry II (5) \_\_\_\_\_\_ a) ENG BS 1 Biosys Engr Fndts (4) NO COMPARABLE COURSE a) ENG BS 75 Prop Mat in Bio Sys (4) NO COMPARABLE COURSE \_\_\_\_\_ a) BIOLSCI 2B Intro Biology: (5)|BIOSC 131 Principles of (5) Ecology & Evolution Organismal Biology, Evolution and Ecology AND AND a) BIOLSCI 2C Intro Biology: (5) BIOSC 131 Principles of (5) Organismal Biology, Biodiversity & the Evolution and Ecology Tree of Life \_\_\_\_\_

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

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

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

Special Advising Note:

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

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

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

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

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

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

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## General Education (GE) Note:

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

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

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

### REQUIRED FOR ADMISSION:

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

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

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

## REQUIRED FOR GRADUATION:

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

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

a) This articulation is approved for engineering majors.

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

Special Advising Note:

# REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

We <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:

\*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://taq.ucdavis.edu for details regarding UC Davis TAG. \_\_\_\_\_

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

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

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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 2016-18 <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)	BIOS(   	2 130	Principles of (5) Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOS	2 131	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOS(   	C 131	
BIOTECH 1Y	Introduction to Biotechnology	(4)			C ARTICULATED: College has not course(s) for articulation
CHEM 2A	Genl Chemistry	(5)	CHEM 	120	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM 	120	<u>&amp;</u> General College (5) Chemistry I
			CHEM	121	General College (5) Chemistry II
CHEM 2C	Genl Chemistry	(5)	CHEM 	121	General College (5) Chemistry II
CHEM 8A	Organic Chem-Brief	(2)	   СНЕМ	 226	Organic Chemistry I (5)
	Organic Chem-Brief OR		CHEM		Organic Chemistry II (5) OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	226	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM		
			CHEM		Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci <b>OR</b>	(4)	CHEM	227	Organic Chemistry II (5) OR
CHEM 128A	Organic Chemistry	(3)	CHEM	226	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry		CHEM		▲ Organic Chemistry I (5)
			CHEM		Organic Chemistry II (5)
CHEM 128C	Organic Chemistry		CHEM		Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	226	Organic Chemistry I (5)
MATH 16A	Short Calculus	(3)	MATH 	182	Calculus for (4) Management, Life

MATH 16B	Short Calculu	15	(3)	     MATH   	183		Science Calculus Manageme	s for ent, Life and Social	(4)
	OR						OF	2	
MATH 17A	Calculus for	BioSci	(4)	NO CO	OMPAF	RABL	E COURSE	2	
MATH 17B	Calculus for	Biosci	(4)	NO CO	OMPAF	RABL	E COURSE	C	
	OR			ĺ			OF	ર	
MATH 21A	Calculus		(4)	MATH	192	1	Analytic	c Geometry and	(5)
				İ		(	Calculus	3 I	
MATH 21B	Calculus		(4)	MATH	193	j	Analytic	c Geometry and	(5)
						(	Calculus	5 II	
j) PHYSICS	7A General	Physics	(4)	PHYS	120			College	(4)
							Physics		
				PHYS	121	(	General	College	(4)
							Physics	II	
j) PHYSICS	7B General	Physics	(4)	PHYS	120	&	General	College	(4)
		-		İ			Physics		
				PHYS	121		-	College	(4)
				i			Physics		
It is highl	ly recommended	that students	COI	mplete	e an		-		
									/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								

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

COURSEWORK FOR BIOINFORMATICS OPTION:

	COURSEWORK FOR B	LOTINI	ORMAI	LCS OPI.	LON:	
ENG CS 20	C Sci/Discrete Math	(4)	MATH 1	L95 1	Discrete Mathematics	(4)
ENG CS 30	Programming&Prob Solving	(4)	COMSC	110	Introduction to Programming	(4)
			O	ર		
			OB COMSC	165	Advanced Programming	(4)
			   01		with C and C++	
			COMSC	-	Programming with Java	(4)
						( - )
			ENGIN	135	Programming for	(4)
			ĺ		Scientists and	
					Engineers	
As of F18	, Course Number = ENG CS 3	36A				
	RESTRICTED ELECTIVES FOR	R BIO	DINFORM	MATICS (	OPTION:	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC	200	5	(4)
					Programming C++	
	, Course Number = ENG CS 3					
ENG CS 50	Machine Dependent Prog	(4)	COMSC	260	Assembly Language Programming/Computer Organization	(4)
ENG CS 60	Data Structures &	(4)	COMSC	210	Program Design and	(4)
	Programming				Data Structures	
As of F18	, Course Number = ENG CS 3	36C				

END OF MAJOR

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

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

## Special Advising Note:

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

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

### REQUIREMENTS FOR ADMISSION:

#### (for 2018-19)

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

Mathematics 17A/B/C <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.

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Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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)	BIOSC 130 	Cellular and	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Organismal Biology,	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC 131   	Evolution and Ecology Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121 	General College Chemistry II	(5)
	Organic Chem-Brief		1		(5)
CHEM 8B	Organic Chem-Brief <b>OR</b>	(4)	CHEM 227	Organic Chemistry II <b>OR</b>	(5)
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	• •	CHEM 226	Organic Chemistry I	(5) (5)
CIIEM 110B	org chem, mich a ber		CHEM 227		(5)
CHEM 118C	Org Chem, Hlth & Sci			Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci		NO COMPARAB		
MATH 17B			NO COMPARAB		
MATH 17C	Calculus for BioSci <b>OR</b>	(4)	NO COMPARAB	LE COURSE OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)

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j) PHYSICS 7A	General Physics	(4)	PHYS    PHYS 	120 <u>&amp;</u> 121	Physics	College	(4) (4)
j) PHYSICS 7B	General Physics	(4)	PHYS     PHYS 	120 <u>&amp;</u> 121	Physics	College	(4) (4)
j) PHYSICS 7C	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General Physics	College I	(4)
			PHYS	121	General Physics	College II	(4)

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

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

END OF MAJOR

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

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

## Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall

enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <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 2016-18 UC Davis General Catalog online.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### REQUIRED FOR ADMISSION:

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

			Optics and Modern Physics	
a) PHYSICS 9C Classical Physics	(5)	PHYS 230   	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) CHEM 2A Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B Genl Chemistry	(5)	CHEM 120 &		(5)
		CHEM 121	General College	(5)
a) CHEM 2C Genl Chemistry	(5)	  CHEM 121 	Chemistry II General College Chemistry II	(5)
a) CHEM 128A Organic Chemistry	(3)	CHEM 226	Organic Chemistry I	(5)
a) CHEM 128B Organic Chemistry	(3)	СНЕМ 226 <u>&amp;</u>  СНЕМ 227	Organic Chemistry I Organic Chemistry II	(5) (5)
a) CHEM 129A Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I	(5)
ENG CHM 60 Engineering Problem Solv OR	(4)	I	OR	
a) ENG CS 30 Programming&Prob Solving	(4)	COMSC 110	•	(4)
		<u>OR</u>  COMSC 165 	Advanced Programming with C and C++	(4)
		<u>OR</u>  COMSC 255	Programming with Java	(4)
		<u>OR</u>  ENGIN 135 	Programming for Scientists and Engineers	(4)
OR a) ENGIN 6 Engr Prob Solving	(4)	  ENGIN 136   	<b>OR</b> Computer Programming for Engineers Using MATLAB	(4)
Required for admission. Students m course in a higher level language in engineering, physical sciences,	inte	nded for stud		
ENGIN 17 Circuits I	(4)	  ENGIN 230 	Circuits and Devices	(4)
OR ENGIN 35 Statics	(4)	ENGIN 255		(3)
OR a) ENGIN 45 Prop of Mats	(4)	  ENGIN 240 	<b>OR</b> Properties of Engineering Materials	(4)
a) UWRITING 1 Expository Writing OR	(4)	  ENGL 122   	Freshman English: Composition and Reading <b>OR</b>	(3)
a) ENGLISH 3 Intro to Lit	(4)	   ENGL 123	Critical Thinking:	(3)

a) ENGLISH 3 Intro to Lit (4) ENGL 123 Critical Thinking: (3) Composition and Literature

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

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

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

#### REQUIRED FOR GRADUATION:

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

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

END OF MAJOR

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

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

#### Special Advising Note:

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ (5)|CHEM 120 General College | Chemistry I CHEM 2A Genl Chemistry (5) CHEM 2B Genl Chemistry (5) CHEM 120 & General College (5) Chemistry I CHEM 121 General College (5) Chemistry II CHEM 2C Genl Chemistry (5) CHEM 121 General College (5) Chemistry II OR OR CHEM 2AH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not Submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not Submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not Submitted course(s) for articulation submitted course(s) for articulation \_\_\_\_\_ PHYSICS 9A Classical Physics (5)|PHYS 130 Physics for Engineers (4) | and Scientists A: Mechanics and Wave Motion PHYSICS 9B Classical Physics (5) PHYS 230 & Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism PHYS 231 Physics for Engineers (4) and Scientists C: Optics and Modern Physics PHYSICS 9C Classical Physics (5) PHYS 230 Physics for Engineers (4) and Scientists B: Heat PHYSICS 9DModern Physics(4)PHYS 231Physics for Engineers (4) and Scientists C: Optics and Modern Physics \_\_\_\_\_ (4) |MATH 192 Analytic Geometry and (5) | Calculus I MATH 21A Calculus MATH 21B Calculus (4) MATH 193 Analytic Geometry and (5) Calculus II (4) | MATH 292 Analytic Geometry and (5) MATH 21C Calculus Calculus III MATH 21D Vector Analysis (4) MATH 292 Analytic Geometry and (5) Calculus III

MATH 22A	Linear Algebra	(3) MATH 194 Linear Algebra (3)
MATH 22AL	Lin Alg Comp Lab	(1) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
MATH 22B	Differntl Equations	(3)   MATH 294 Differential Equations (5)
CHEM 128A	Organic Chemistry	(3) CHEM 226 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3) CHEM 226 & Organic Chemistry I (5)
		CHEM 227 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2) CHEM 226 Organic Chemistry I (5)

END OF MAJOR

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

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 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 2016-18 General Catalog . Quick reference charts for AP and IB are also

-----CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I CHEM 2B Genl Chemistry (5) CHEM 120 & General College (5) Chemistry I CHEM 121 General College (5) Chemistry II CHEM 2C Genl Chemistry (5)|CHEM 121 General College (5) Chemistry II OR OR CHEM 2AH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ j) PHYSICS 7A General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7B General Physics (4)|PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7C General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II

available from our TAG website.

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

	OR			OR	
PHYSICS 9A	Classical Physics	(5) PHYS     	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	5 (5) PHYS                 	230 <u>&amp;</u> 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5) PHYS   	230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
MATH 16A	Short Calculus	(3)   MATH	182	Calculus for	(4)

MATH 16B Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social Science II MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social Science II
MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social
MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social
MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social
Management, Life Science and Social
Science and Social
OR OR OR
MATH 17A Calculus for BioSci (4) NO COMPARABLE COURSE
MATH 17B Calculus for Biosci (4) NO COMPARABLE COURSE
MATH 17D Calculus for BioSci (4) NO COMPARABLE COURSE
OR OR OR
MATH 21A Calculus (4) MATH 192 Analytic Geometry and (5)
Calculus I
MATH 21B Calculus (4) MATH 193 Analytic Geometry and (5)
Calculus II
MATH 21C Calculus (4) MATH 292 Analytic Geometry and (5)
Calculus III
· · · · · · · · · · · · · · · · · · ·
CHEM 128A Organic Chemistry (3) CHEM 226 Organic Chemistry I (5)
CHEM 128B Organic Chemistry (3) CHEM 226 & Organic Chemistry I (5)
CHEM 227 Organic Chemistry II (5)
CHEM 128C Organic Chemistry (3) CHEM 227 Organic Chemistry II (5)
CHEM 129A Organic Chem Lab (2) CHEM 226 Organic Chemistry I (5)
CHEM 129B Organic Chem Lab (2) CHEM 226 & Organic Chemistry I (5)
CHEM 227 Organic Chemistry II (5)

END OF MAJOR

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

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

## Special Advising Note:

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

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

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

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

(5)

CHEM 121 General College Chemistry II CHEM 2C Genl Chemistry (5) CHEM 121 General College (5) Chemistry II OR OR CHEM 2AH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 2BH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation CHEM 2CH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ PHYSICS 9A Classical Physics (5) PHYS 130 Physics for Engineers (4) and Scientists A:

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

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

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

#### **RECOMMENDED COURSES:**

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

END OF MAJOR

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

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

# 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 2016-18 <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 120 General College (5) Chemistry I
CHEM 2B Genl Chemistry	(5) CHEM 120 <u>&amp;</u> General College (5) Chemistry I CHEM 121 General College (5)
CHEM 2C Genl Chemistry OR	(5) CHEM 121 General College (5) Chemistry II OR
CHEM 2AH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not
CHEM 2CH Honors Genl Chemistry	<pre> submitted course(s) for articulation (5) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation</pre>
j) PHYSICS 7A General Physics	(4) PHYS 120 <u>&amp;</u> General College (4) Physics I PHYS 121 General College (4) Physics II
j) PHYSICS 7B General Physics	(4) PHYS 120 <u>&amp;</u> General College (4) Physics I
	PHYS 121 General College (4) Physics II
j) PHYSICS 7C General Physics	Physics I
	PHYS 121 General College (4) Physics II

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

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

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

END OF MAJOR

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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

CHEM 2CH Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ j) PHYSICS 7A General Physics (4) PHYS 120  $\underline{\&}$  General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7B General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7C General Physics (4)|PHYS 120 🛓 General College (4) Physics I PHYS 121 General College (4) Physics II It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. OR OR PHYSICS 9A Classical Physics (5) PHYS 130 Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion PHYSICS 9B Classical Physics (5) PHYS 230 <u>&</u> Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism PHYS 231 Physics for Engineers (4) and Scientists C: Optics and Modern Physics PHYSICS 9C Classical Physics (5) PHYS 230 Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism \_\_\_\_\_ (3) | MATH 182 Calculus for (4) | Management, Life MATH 16A Short Calculus Science and Social Science I Management, Life Science and f MATH 16B Short Calculus (3) MATH 183 Calculus for Science II MATH 16C Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social Science II OR OR MATH17ACalculus for BioSci(4)NOCOMPARABLECOURSEMATH17BCalculus for Biosci(4)NOCOMPARABLECOURSEMATH17CCalculus for BioSci(4)NOCOMPARABLECOURSE OR OR MATH 21A Calculus (4) | MATH 192 Analytic Geometry and (5) Calculus I (4) | MATH 193 Analytic Geometry and (5) MATH 21B Calculus

MATH 21C	Calculus	(4)	  MATH 292 	Calculus II Analytic Geometry and Calculus III	(5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
ENV TOX 20	Introduction to Forensic Science	(3)		ARTICULATED: College has course(s) for articulati	
	Elementary Statistics STATIST 13Y	(4)	MATH 144   <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
	<b>OR</b> Stat Anlys Thru Comp title = Gateway to Data Sc		BUS 240	OR	(3)
CHEM 118A CHEM 118B CHEM 118C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	(4)	СНЕМ 226 <u>8</u>  СНЕМ 227	• Organic Chemistry I Organic Chemistry II	(5) (5) (5) (5)
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM 226 CHEM 226 <u>8</u> CHEM 227	5 1	(5) (5) (5)
CHEM 128C CHEM 129A CHEM 129B	Organic Chemistry Organic Chem Lab Organic Chem Lab	(2)	CHEM 227  CHEM 226  CHEM 226 <u>8</u>  CHEM 227		(5) (5) (5) (5)

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

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

available fr	om our TAG website.	
CHICANO 10 CHICANO 50		(4) NO COMPARABLE COURSE (4) PSYCH 141 Psychology of (3) Latinos/Chicanos in the U.S.
CHICANO 21		(4) NO COMPARABLE COURSE
CHICANO 40		(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	submitted course(s) for articulation
CHICANO 70		(4) NO COMPARABLE COURSE
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE
SPANISH 1		(5) SPAN 120 First Term Spanish (5)
SPANISH 2	Elementary Spanish	(5) SPAN 120 & First Term Spanish (5) SPAN 121 Second Term Spanish (5)
SPANISH 3	Elementary Spanish <b>OR</b>	
SPANISH 28	Inter Conversation	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5) NO COMPARABLE COURSE
SPANISH 32 <b>END OF MAJOR</b>		(5) NO COMPARABLE COURSE

====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.

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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 2016-18 General Catalog . 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	<pre>(4) NO COMPARABLE COURSE (4) PSYCH 141 Psychology of (3)     Latinos/Chicanos in     the U.S.</pre>
CHICANO 21	Hlth Care Issues	(4) NO COMPARABLE COURSE
	OR	OR
	*	
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
		SUDMITCLEU COULSE(S) TOL ALCICULACION

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 60	Chicana and Chicano	(4)   NC	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

#### ONE COURSE FROM THE FOLLOWING:

CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PSYCH 41	Research Methods	(4)  PSYCH 215 Introduction to (3)
SOCIOL 46A	Intro Social Rsch	Research Methods in Psychology (4) SOCIO 123 Introduction to (3) Social Research
SPANISH 1	Elementary Spanish	(5) SPAN 120 First Term Spanish (5)
SPANISH 2	Elementary Spanish	(5) SPAN 120 <u>&amp;</u> First Term Spanish (5)
		SPAN 121 Second Term Spanish (5)
SPANISH 3	Elementary Spanish <b>OR</b>	(5) SPAN 121 Second Term Spanish (5) OR
SPANISH 28	Inter Conversation	(2) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SPANISH 31	Int Span Nat Spk I	(5)   NO COMPARABLE COURSE
SPANISH 32 <b>END OF MAJC</b>	Int Span Nat Spk II <b>R</b>	(5) NO COMPARABLE COURSE

#### ====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.

#### 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 <u>foreign language placement exams</u>. 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 <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 2016-18  $\underline{General \ Catalog}$ . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

x) CHINESE 1	Elem Chinese	(5)	CHIN 120	First Term Mandarin Chinese	(5)
x) CHINESE 2	Elem Chinese	(5)	NO COMPARA	ABLE COURSE	
x) CHINESE 3	Elem Chinese		CHIN 121		(5)
		(-)		Chinese	(-)
x) CHINESE 4	Inter Chinese	(5)	CHIN 220	Third Term Mandarin Chinese	(5)
x) CHINESE 5	Inter Chinese	(5)	NO COMPARA	ABLE COURSE	
x) CHINESE 6	Inter Chinese			Fourth Term Mandarin	(5)
, -		( - )		Chinese	( - )
	OR			OR	
x) CHINESE 1BL	Accl Wrtn Chinese I	(5)	NO COURSE	ARTICULATED: College has	not
,		. ,		course(s) for articulati	
x) CHINESE 2BL	Accl Wrtn Chinese	(5)	1	ARTICULATED: College has	
,	II	. ,		course(s) for articulati	
x) CHINESE 3BL	Accl Wrtn Chinese	(5)		ARTICULATED: College has	
	III			course(s) for articulati	
	OR			OR	
x) CHINESE 1CN	Mand/Cant Spkrs I	(5)	NO COURSE	ARTICULATED: College has	not
	-			course(s) for articulati	
x) CHINESE 2CN	Mand/Cant Spkrs II	(5)		ARTICULATED: College has	
	_		submitted	course(s) for articulati	on
x) CHINESE 3CN	Mand/Cant Spkrs III	(5)	NO COURSE	ARTICULATED: College has	not
	_		submitted	course(s) for articulati	on
	RECOMMENDED COUF	RSES	FOR THIS I	MAJOR:	
CHINESE 10 M	odern Lit (in Engl)	(4)	NO COURSE	ARTICULATED: College has	not
		. ,		course(s) for articulati	
CHINESE 11 G	t Bks China (Engl)	(4)	1	ARTICULATED: College has	
		. ,		course(s) for articulati	
CHINESE 50 I	ntro to Literature	(4)		ARTICULATED: College has	
Same as: JPN	ESE 50		·	course(s) for articulati	
COMPLIT 14 I	ntro Poetry	(3)	ENGL 153	Contemporary Poetry	
JPNESE 10 Ma	sterworks in English	(4)	NO COMPARA	ABLE COURSE	
LINGUIS 1 In	tro Linguistics	(4)	ENGL 124	The Nature of	(3)
	-			Language: An	

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

END OF MAJOR

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

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

Special Advising Note:

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

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

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AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

CINE&TS 12 Media Computation (4) Same as: ENG CS 12	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
p) CINE&TS 20 Filmmaking Foundations(5)	ARTDM 149 Fundamentals of (3) Digital Video
	FTVE 160 & Introduction to Film (3) Production
	FTVE 161 Intermediate Film (3) Production

#### 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)	FTVE 281 World Cinema 1900-1960 (3)
CINE&TS 41B Cinema Hist 1945 to	(4)	NO COMPARABLE COURSE
the Present		
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) FTVE 205 Introduction to Film (3) and Media Arts
Former	ly Humanities 10	
TCULST 1	Intro Technocultural Studies	(4) NO COMPARABLE COURSE
TCULST 5	Media Archaeology	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

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

#### Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for

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

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

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

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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 <u>UC Davis TAG</u>.

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### General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

# REQUIRED FOR ADMISSION:

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

				Calculus III	
a) MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5)    	PHYS 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics		PHYS 230 <u>&amp;</u> PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)    	PHYS 230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	
a) CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	СНЕМ 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
a) ENGIN 6	Engr Prob Solving	(4)	ENGIN 136	Computer Programming for Engineers Using MATLAB	(4)
	OR			OR	
a) ENG CS 30	<b>OR</b> Programming&Prob Solving	(4)		<b>OR</b> Introduction to Programming	(4)
a) ENG CS 30	Programming&Prob	(4)	OR COMSC 165	Introduction to	. ,
a) ENG CS 30	Programming&Prob	(4)	OR COMSC 165 OR COMSC 255	Introduction to Programming Advanced Programming	(4)
a) ENG CS 30	Programming&Prob	(4)	OR COMSC 165 OR	Introduction to Programming Advanced Programming with C and C++ Programming with Java	(4)
Required f course in	Programming&Prob	must c	OR COMSC 165 OR COMSC 255 OR ENGIN 135 complete one aded for stu	Introduction to Programming Advanced Programming with C and C++ Programming with Java Programming for Scientists and Engineers <b>programming</b>	(4)
Required f course in	Programming&Prob Solving or admission. Students a higher level language ring, physical sciences	must c inter ;, or n	OR COMSC 165 OR COMSC 255 OR ENGIN 135 complete one aded for stu	Introduction to Programming Advanced Programming with C and C++ Programming with Java Programming for Scientists and Engineers <b>programming</b> dents majoring	(4)
Required f course in in enginee a) ENGIN 35	Programming&Prob Solving or admission. Students a higher level language ring, physical sciences	must c inter , or m (4)	OR COMSC 165 OR COMSC 255 OR ENGIN 135 complete one nded for stu mathematics.	Introduction to Programming Advanced Programming with C and C++ Programming with Java Programming for Scientists and Engineers <b>programming</b> dents majoring	(4) (4) (4)

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

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

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

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

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END OF MAJOR

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

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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. <a href="http://docs.com/second/s

LAIIN I	Elementary Latin	(5) NO COURSE ARTICULATED. COTTEGE Has NOT
		submitted course(s) for articulation
LATIN 2	Elementary Latin	(5) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
LATIN 3	Intermediate Latin	(5) NO COMPARABLE COURSE
	OR	OR
GREEK 1	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 2	Elem Greek	(5) NO COMPARABLE COURSE
GREEK 3	Intermediate Greek	(5) NO COMPARABLE COURSE
		·

TWO COURSES FROM THE FOLLOWING:

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

### ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS 195       History of (3)         Prehistoric and         Ancient Art
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	• •	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	• •	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	• •	NO COURSE ARTICULATED: College has not
02110020		( - )	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 50	Ancient Science	(4)	NO COMPARABLE COURSE
Same as:	SCI&TEC 50		
COMPLIT 1		(4)	ENGL 272 Early World Literature (3)
	World		
PHILOS 21	Phil: Ancient	(4)	PHILO 224 History of Western (3)
			Philosophy:
			Pre-Socratic to
			Medieval Period
	title = Phil Classics: Anc.		
	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
-	title = The Bible		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

## ====Classical Civilization (Classical Languages & Literature) A.B.==== Special Advising 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 <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 2016-18 <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 COURSE ARTICULATED: College has not submitted course(s) for articulation
LATIN 2	Elementary Latin	<pre>(5)  NO COURSE ARTICULATED: College has not</pre>
LATIN 3	Intermediate Latin <b>AND</b>	(5) NO COMPARABLE COURSE
GREEK 1 GREEK 2 GREEK 3	Elem Greek Elem Greek Intermediate Greek	(5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (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
		· · · · · · · · · · · · · · · · · · ·

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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ENGLISH 3	Intro to Lit OR	(4) ENGL 123   	Critical Thinking: Composition and Literature <b>OR</b>	(3)
UWRITING 1			•	(3)
	Intro Public Spkg		Public Speaking	(3)
BIOLSCI 2A	. Intro Biology:Life on Earth	(5) BIOSC 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution		Principles of Organismal Biology, Evolution and Ecology	
Снем 22	Genl Chemistry	(5) CHEM 120	General College	(5)
	Geni enemistry		Chemistry I	()
CHEM 2B	Genl Chemistry	(5) CHEM 120	General College Chemistry I	(5)
		CHEM 121	-	(5)
CHEM 2C	Genl Chemistry	(5) CHEM 121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2) CHEM 226	—	(5)
CHEM 8B	Organic Chem-Brief	(4) CHEM 227	Organic Chemistry II	(5)
ECON 1A	Princ of Microecon	(4) ECON 221 	Principles of Microeconomics <b>OR</b>	(3)
ECON 1B	Princ of Macroecon	(4)   ECON 220 		(3)

PSYCH 1	General Psychology	(4)	PSYCH 103 	1 Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology OR	(5)	SOCIO 120   	0 Introduction to Sociology OR	(3)
SOCIOL 3	Social Problems	(4)	SOCIO 12:	•	(3)
	OR		SOCIO 12:	2 Critical Thinking About Social and Cultural Issues <b>OR</b>	(3)
ANTHRO 2 As of W17,	Cultural Anthropology	(4)	ANTHR 13		(3)
STATIST 13 Same as	Elementary Statistics STATIST 13Y	(4)	MATH 144   <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>  BUS 240	Business Statistics	(3)

#### ====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.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

\_\_\_\_\_ \_\_\_\_\_ Emphasis 1: Computational ENG CS 20C Sci/Discrete Math(4) MATH 195Discrete MathematicsENG CS 30Programming&Prob Solving (4) COMSC 110Introduction to (4) Introduction to (4) Programming OR COMSC 165 Advanced Programming (4) with C and C++ OR COMSC 255 Programming with Java (4) OR ENGIN 135 Programming for (4) Scientists and Engineers As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented (4) Programming C++ As of F18, Course Number = ENG CS 36B ENG CS 50 Machine Dependent Prog (4) COMSC 260 Assembly Language (4)

ENG CS 60 Data Structures & (4) COMSC 210 Program Design and (4) Programming Data Structures As of F18, Course Number = ENG CS 36C LINGUIS 1 Intro Linguistics (4) ENGL 124 The Nature of (3)

Programming/Computer

		(	Language: An Introduction to Linguistics
MATH 17A MATH 17B	Calculus for BioSci Calculus for Biosci OR	• •	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
MATH 21A	Calculus	(4)	MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193 Analytic Geometry and (5) Calculus II
	Linear Algebra Lin Alg Comp Lab	• •	MATH 194Linear Algebra(3)NO COURSE ARTICULATED: College has notsubmitted course(s)for articulation
PHILOS 10	Intro Cognitive Science	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation

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

OR		Physics II OR
PHYSICS 9A Classical Physics (	5) PHYS 130     	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B Classical Physics (	5)   PHYS 230 <u>&amp;</u>   PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C Classical Physics (	5) PHYS 230   	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
	4)   PSYCH 101 4)   PSYCH 215 	Introduction to (3) Psychology Introduction to (3) Research Methods in Psychology
STATIST 13 Elementary Statistics ( Same as: STATIST 13Y	4)   MATH 144   <u>OR</u>   MATH 142     BUS 240	Statway II(4)Elementary Statistics(4)with ProbabilityBusiness Statistics(3)

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

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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)	ENGL 124     	The Nature of (3) Language: An Introduction to Linguistics OR
LINGUIS 1	Intro Linguistics	(4)	ENGL 124     	The Nature of (3) Language: An Introduction to Linguistics
COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMM 120	Public Speaking (3) <b>OR</b>
COMUNCN 3		(4)	COMM 128	Communication
	OR			OR
	Global English Comm LINGUIS 5 <b>OR</b>	(4)	-	ARTICULATED:College has not course(s)for articulation <b>OR</b>
	Global English Comm COMUNCN 5	(4)	1	ARTICULATED:College has not course(s)for articulation
COMUNCN 10Y	Intro to Communication	(4)		ARTICULATED: College has not course(s)for articulation Introduction to (3) Communication Theory
B) ENG CS 1	5 Intro to Computers	(4)		ARTICULATED: College has not course(s)for articulation

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

OR

PHILOS 12	Intro to Symbol Logic	(4) PHILO 170	Symbolic Logic	(3)
PSYCH 1	General Psychology	(4) PSYCH 101 	Introduction to Psychology	(3)
SOCIOL 1	Intro Sociology	(5) SOCIO 120 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5) NO COMPARA 	BLE COURSE <b>OR</b>	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)   MATH 144   <b>OR</b>	Statway II	(4)
		MATH 142	Elementary Statistics with Probability	(4)
		<u>OR</u>  BUS 240	Business Statistics	(3)

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

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

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 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 2016-18 <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 COMPLIT 1	Intro Public Spkg Major Books-Ancient		COMM   ENGL	120 272	Public Speaking Early World Literature	(3)
	World	(1)			Early world Erectature	(3)
COMPLIT 2	Major Books-Middle Ages	(4)	!	272 <u>&amp;</u>	Early World Literature	
	to Enlightenment		1	273	Late World Literature	(3)
COMPLIT 3	Major Books-The Modern Crisis	(4)	ENGL 	273	Late World Literature	(3)
COMPLIT 4	Maj Books:Cont Wrld	(4)	NO CC	MPARAB	LE COURSE	
ENGLISH 3	Intro to Lit	(4)	ENGL	123	Critical Thinking:	(3)
			ĺ		Composition and	
			ĺ		Literature	
N A STD 5	Intro NA Literature	(4)	ENGL	164	Native American	(3)
		. ,	ĺ		Literatures	. ,
UWRITING 1	Expository Writing	(4)	ENGL	122	Freshman English:	(3)
			ĺ		Composition and	
			ĺ		Reading	
UWRITING 18	Style in the Essay	(4)	NO CC	MPARAB	LE COURSE	
As of F17, C	ourse Number = UWRITING 4	8				
	Wrtq Research Papers		NO CC	MPARAB	LE COURSE	
	ourse Number = UWRITING 4		1			

CM&RGDE 1 CM&RGDE 2	The Community Ethnicity Amer Comm		NO COMPARAB  SOCIO 131		(3)	
PL SCI 21	Computers in Technology OR	(3)	NO COMPARAB 	BLE COURSE OR		
B) ENG CS 15	5 Intro to Computers	(4)		RTICULATED: College has		
may not upon tra	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 F	Princ of Microecon	(4)	  ECON 221   	Principles of Microeconomics <b>OR</b>	(3)	
ECON 1B F		(4)	ECON 220	Principles of Macroeconomics	(3)	
ANTHRO 2 As of W17, u		(4)	ANTHR 130	Cultural Anthropology	(3)	
SOCIOL 1	OR Intro Sociology	(5)	  SOCIO 120 	OR Introduction to Sociology	(3)	
	Elementary Statistics STATIST 13Y	(4)	MATH 144   <b>OR</b>	Statway II	(4)	
			MATH 142	Elementary Statistics with Probability	(4)	
	OR		BUS 240	Business Statistics <b>OR</b>	(3)	
	Stat Anlys Thru Comp			BLE COURSE		
As of F18, t	title = Gateway to Data Sc OR	cienc	e I	OR		
SOCIOL 46B		(5)	NO COMPARAB	-		

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.

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

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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

TWO COURSES FROM THE FOLLOWING:

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

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

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

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

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

END OF MAJOR

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

### Special Advising Note:

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

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

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

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

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#### General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### REQUIRED FOR ADMISSION:

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

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

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

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

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

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END OF MAJOR

a) This articulation is approved for engineering majors.

### ====Computer Science & Engineering B.S.==== Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <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 2016-18 UC Davis General Catalog online.

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

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

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

#### REQUIRED FOR ADMISSION:

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

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

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

a)	COMUNCI	N 1	Int	ro Pu	ublic	Spkg	(4)	COMM	120	]	Publi	.c Sp	beaki	ng	(3)

Only Communication 1 can be used to satisfy the communications requirement for this major. No credit will be allowed for Communication 3.

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

**REQUIREMENTS FOR ADMISSION:** (for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.40 for each of two course groups. It is recommended that candidates have already

achieved the minimum required GPAs in the course(s) from the groups below that have been completed at the time of application and through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

Transfer students must also meet UC transfer admission requirements. See the UC Davis <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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# IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

Please visit the <u>Computer Science website</u> for additional tips on preparing for your transfer into this major.

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#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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. AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193		(5)
		( - )		Calculus II	(0)
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)
			İ	Calculus III	
MATH 22A	Linear Algebra	(3)	  MATH 194	Linear Algebra	(3)
	OR			OR	
MATH 67	Modern Linear Algebra	(4)			
			submitted	course(s) for articulatio	n
	C Sci/Discrete Math	(1)	   MATTU 105	Digaroto Mathematica	(4)
	Programming&Prob Solving				
ENG CD 50	110grammingariob borving	(1)		Programming	(1)
			OR		
			COMSC 165	Advanced Programming	(4)
				with C and C++	
			OR		
			COMSC 255	Programming with Java	(4)
					( 1 )
			ENGIN 135	Programming for Scientists and	(4)
			1	Engineers	
As of F	18, Course Number = ENG CS	36A	I	Engracers	
	Sftwr/Obj-Orien:C++		COMSC 200	Object Oriented	(4)
	-			Programming C++	
	18, Course Number = ENG CS :		-		
ENG CS 50	Machine Dependent Prog	(4)	COMSC 260		(4)
				Programming/Computer	
		( 4 )		Organization	( 1 )
ENG CS 60	Data Structures &	(4)	COMSC 210		(4)
As of F	Programming 18, Course Number = ENG CS	360		Data Structures	
AB UL F	TO, COULDE HUMDEL - FING CD				

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

# ONE OF THE FOLLOWING GROUPS:

#### Group One:

CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College (5) Chemistry I
		CHEM 121	General College (5) Chemistry II
CHEM 2C	Genl Chemistry	(5) CHEM 121	General College (5) Chemistry II
	OR		OR

#### Group Two:

CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College (5) Chemistry I
		CHEM 121	General College (5) Chemistry II
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSC 130	Principles of (5) Cellular and Molecular Biology
	OR	 Three:	OR
	GIO	inree:	
CHEM 2AH	Honors Genl Chemistry		RTICULATED: College has not ourse(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5) NO COURSE A	RTICULATED: College has not ourse(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5) NO COURSE A	RTICULATED: College has not ourse(s) for articulation
	OR		OR
	Gro	p Four:	
PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u> 	Physics for Engineers (4) and Scientists B: Heat
		PHYS 231     	and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5) PHYS 230 	Physics for Engineers (4) and Scientists B: Heat
MATH 21D	Vector Analysis	(4)   MATH 292 	and Electro-Magnetism Analytic Geometry and (5) Calculus III

END OF MAJOR

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

#### Special Advising Note:

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

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

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

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

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

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

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

DESIGN 1 Intro to Desig	gn (4)   NO COMPARABLE COURSE
DESIGN 14 Design Drawin OR	ng (4) ART 106 Drawing II (3)   OR
DESIGN 21 Drafting and	Perspective (4) ARCHI 130 Architectural (3) Graphics I
d) DESIGN 15 Form & Col AND	AND
DESIGN 16 Graphics & Th	ne Computer (4) NO COMPARABLE COURSE

DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE	
	OR	Ì	OR	
DESIGN 40B	Ideologies of Design <b>OR</b>	(4)	NO COMPARABLE COURSE OR	
DESIGN 40C	Design Aesthetics/Exper		NO COURSE ARTICULATED submitted course(s)fo	~

ONE COURSE FROM THE FOLLOWING:

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

\_\_\_\_\_ (4) FTVE 160 Introduction to Film (3) Production ART 12 Beginning Video OR FTVE 161 Intermediate Film (3) Production DESIGN 37 Coding for Designers (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 COMPARABLE COURSE DESIGN 70 Intro Textile Structure (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation DESIGN 77 Intro to Fashion Design (4) NO COMPARABLE COURSE \_\_\_\_\_ UWRITING 11 Pop Sci & Technol (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation Wrtng OR OR UWRITING 12 Writing/Visual (4) NO COURSE ARTICULATED: College has not Rhetoric submitted course(s) for articulation OR OR UWRITING 18 Style in the Essay (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 48 OR OR UWRITING 19 Wrtg Research Papers (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 49 END OF MAJOR

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

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

## Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

#### ONE COURSE FROM THE FOLLOWING:

ARTHI 1D CHINESE 7	Arts of Asia Chinese Business Culture		ARTHS 193 History of Asian Art (3) NO COURSE ARTICULATED: College has not
		( )	submitted course(s) for articulation
CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
COMPLIT 53A	Lit of East Asia	(4)	NO COMPARABLE COURSE
JPNESE 10	Masterworks in English	(4)	NO COMPARABLE COURSE
JPNESE 25	Language & Culture (in English)	(4)	NO COMPARABLE COURSE
TONECE FO		(1)	
JPNESE 50	Intro to Literature	(4)	NO COMPARABLE COURSE
Same as:	CHINESE 50		
E ASIAN 88	Korean Society	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
REL STD 75	Introduction to Chinese	(4)	NO COMPARABLE COURSE
	Philosophy		ĺ

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

x) CHINESE 1 Elem Chinese (5) CHIN 120 First Term Mandarin (5) Chinese x) CHINESE 2 Elem Chinese (5) NO COMPARABLE COURSE

	OR		OR	
y) JPNESE 1	Elem Japanese	(5) JAPAN 12	0 First Term Japanese	(5)
y) JPNESE 2	Elem Japanese	(5) JAPAN 12	0 <u>&amp;</u> First Term Japanese	(5)
		JAPAN 12	1 Second Term Japanese	(5)

#### END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOSC 131		(5)
CHEM 2A Gei	nl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
CHEM 2B Ger	nl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
		CHEM 121	General College Chemistry II	(5)
j) PHYSICS 1A	Principles Physics	(3) PHYS 120	General College Physics I	(4)
j) PHYSICS 1B	Principles Physics	(3) PHYS 121	General College Physics II	(4)
	OR		OR	
j) PHYSICS 7A	General Physics	(4) PHYS 120 <u>&amp;</u>	General College	(4)

			  PHYS 	121	Physics General Physics	College	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General Physics	College I	(4)
			PHYS 	121	General Physics	College II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General Physics	College I	(4)
			PHYS	121	General	College	(4)

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

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Physics II

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

### PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

#### ====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.

# Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
	Elementary Statistics : STATIST 13Y	(4)	  MATH 144   <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
	OR		BUS 240	OR	(3)
	Stat Anlys Thru Comp title = Gateway to Data Sc		1	BLE COURSE	
 MATH 16A	Short Calculus	(3)	MATH 182     	Calculus for Management, Life Science and Social Science I	(4)
МАТН 16В	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)

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

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

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

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

#### Special Advising Note:

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

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

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

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

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

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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 2016-18 UC Davis General Catalog online.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REOUIRED F	OR A	DMIS	SION	1:
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a) MATH 21A	Calculus	(4) MATH 192 	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 193 	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4) MATH 292 	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4) MATH 292 	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3) MATH 194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 294	Differential Equations	(5)
a) PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u> PHYS 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5) PHYS 230   	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) PHYSICS 9D	Modern Physics	(4) PHYS 231   	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
		ĺ	General College Chemistry I	
a) ENGIN 17		(4) ENGIN 230 	Introduction to Circuits and Devices	
			Introduction to	(4)

### REQUIRED FOR GRADUATION:

a) ENGIN 6 1	Engr Prob Solving	(4) ENGIN 136   	Computer Programming for Engineers Using MATLAB	(4)
a) UWRITING 1	Expository Writing	(4) ENGL 122   	Freshman English: Composition and Reading	(3)
a) ENGLISH 3	OR Intro to Lit	(4)   ENGL 123   	<b>OR</b> Critical Thinking: Composition and Literature	(3)

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

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

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

### Special Advising Note:

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

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

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

## Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 2016-18

General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

ENGLISH 3	Intro to Lit OR	(4)	ENGL   	123	Critical Thinking: Composition and Literature <b>OR</b>	(3)
UWRITING 1	Expository Writing	(4)	ENGL   	122	Freshman English: Composition and Reading	(3)
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 	252	Early English Literature	(3)
ENGLISH 10B	Literatures in English II: 1700-1900	(4)	ENGL   	262	Survey of American Literature I (First Contact - 1865)	(3)
ENGLISH 10C	Literatures in English III: 1900 to Present	(4)	ENGL     <b>0</b> 1		Survey of Late English Literature	(3)
			ENGL   ENGL   	_	Survey of American Literature II (1865 - Present)	(3)

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

END OF MAJOR

# e) Students at Diablo Valley College who take English 190 may receive credit for either UC Davis English 40 or UC Davis English 44, not both.

i) Students at Diablo Valley College who take English 253 may receive credit for either UC Davis English 40 or English 44 or English 10C.

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

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

CHEM 2A Genl Chemistry (5) CHEM 120 General College (5)

				Chemistry I	
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(4)	CHEM 227		(5)
	Short Calculus		MATH 182   	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183   	Calculus for Management, Life Science and Social Science II	(4)
МАТН 16С	Short Calculus OR	(3)	MATH 183     	Calculus for Management, Life Science and Social Science II <b>OR</b>	(4)
MATH 17A	Calculus for BioSci	(4)	NO COMPARAB	-	
MATH 17B	Calculus for Biosci		NO COMPARAB		
MATH 17C	Calculus for BioSci	(4)	NO COMPARAB		
MATH 21A	<b>OR</b> Calculus			<b>OR</b> Analytic Geometry and Calculus I	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 292 		
j) PHYSICS	1A Principles Physics	(3)	  PHYS 120 		
	1B Principles Physics	(3)	İ		
STATIST 13	Elementary Statistics STATIST 13Y		MATH 144		(4)
			MATH 142     OR	Elementary Statistics with Probability	(4)
	OR		BUS 240	Business Statistics OR	(3)
STATIST 32	Stat Anlys Thru Comp title = Gateway to Data Sc		  NO COMPARAB	-	
AS UL FIO,	OR			OR	
PL SCI 21	Computers in Technology	(3)	NO COMPARAB	LE COURSE	

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

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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 2016-18 UC Davis General Catalog online.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

# REQUIRED FOR ADMISSION:

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

MATH 22B	Differntl Equations	(3)	MATH	294	Differential Equations	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 	120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM	120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 	121	General College Chemistry II	(5)
СНЕМ 2С	Genl Chemistry	(5)	CHEM   	121	General College Chemistry II	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS     	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 	230 <u>&amp;</u>	and Scientists B: Heat	(4)
			   PHYS   	231	and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	
ENGIN 35		(4)	ENGIN			(3)
ENGIN 6	Engr Prob Solving	(4)	ENGIN   	136	for Engineers Using MATLAB	(4)
ENG CS 30	<b>OR</b> Programming&Prob Solving	(4)			<b>OR</b> Introduction to Programming	(4)
			COMSC	<u>)r</u> 2 165 )r	Advanced Programming with C and C++	
			COMS	255 C 255 C 255	Programming with Java	(4)
			-	135	Programming for Scientists and Engineers	(4)
As of F1	18, Course Number = ENG CS 3	36A	I			
course i	l for admission. Students m in a higher level language : neering, physical sciences,	inte	nded f	or stu		
ENGLISH 3	Intro to Lit	(4)	   ENGL   	123	Critical Thinking: Composition and Literature <b>OR</b>	(3)
UWRITING 1	Expository Writing	(4)	ENGL   	122	Freshman English: Composition and Reading	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO CC	)MPARABI	LE COURSE	
	OR				OR	

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

END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ k) ENVHORT 1 Intro Envhort/Urb For (3) | HORT 110 Introduction to (4) Horticulture and Plant Science ENVHORT 6 Intro Environ Plants (4) NO COMPARABLE COURSE \_\_\_\_\_ LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) Earth Cellular and Molecular Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of & Evolution Organismal Biology, Evolution and Ecology (5) PL SCI 2 Bot Physio Cul Plt (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation \_\_\_\_\_ CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I CHEM 2B Genl Chemistry (5) CHEM 120 & General College (5) Chemistry I CHEM 121 General College Chemistry II (5) \_\_\_\_\_ ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE OR OR ENV S&P 10 Current Issues in (3) BIOSC 170 Environmental Science (3)

Environment OR ENGIN 130 Energy, Society, and (3) the Environment ENV S&P 10 not open for credit to students who have completed ENV S&P 1 OR OR ENV S&P 30 Global Ecosystem (3) NO COMPARABLE COURSE Same as: ENV SC&M 30 \_\_\_\_\_ j) PHYSICS 1A Principles Physics (3) PHYS 120 General College (4) Physics I j) PHYSICS 1B Principles Physics (3) PHYS 121 General College (4) Physics II \_\_\_\_\_ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE \_\_\_\_\_ (3)|MATH 182 Calculus for MATH 16A Short Calculus (4) Management, Life Science and Social Science I OR OR STATIST 13 Elementary Statistics (4) | MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3)

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	MANAGEM	ENT OPT	ION		
SCI&SOC	18	GIS 8	Society	•				ED: College for articu	

END OF MAJOR

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

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

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

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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 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:

General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ COMUNCN 1 Intro Public Spkg (4) COMM 120 Public Speaking (3) OR OR COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 128 Interpersonal (3) Communication OR OR o) DRAMART 10 Intro To Acting (4) DRAMA 122 Basic Principles of (3) Acting \_\_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) Cellular and Earth Molecular Biology OR OR BIOLSCI 10 Everyday Biology (4) BIOSC 101 Fundamentals of (3) Biological Science OR BIOSC 102 Fundamentals of (4) Biological Science with Laboratory \_\_\_\_\_ ------CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I OR OR (4) CHEM 106 Chemistry for Non-Science Majors CHEM 10 Concept of Chem (4) \_\_\_\_\_ j) PHYSICS 1A Principles Physics (3) PHYS 120 General College (4) Physics I \_\_\_\_\_ BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of (5)& Evolution Organismal Biology, Evolution and Ecology OR OR CHEM 2B Genl Chemistry (5)|CHEM 120 隆 General College (5) Chemistry I CHEM 121 General College Chemistry II (5) OR OR j) PHYSICS 1B Principles Physics (3)|PHYS 121 General College (4) Physics II \_\_\_\_\_ \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE OR OR SCI&SOC 18 GIS & Society (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (4) ECON 221 Principies . Microeconomics \_\_\_\_\_ ECON 1A Princ of Microecon (3)(4) ECON 220 Principles of Macroeconomics Princ of Macroecon ECON 1B (3) \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: AN SCI 1Domest Ani & People(4) | NO COMPARABLE COURSEATM SCI 60Intro to Atmospheric(4) | NO COMPARABLE COURSE Science

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

m) GEOLOGY 1 The Earth (4) GEOL 120 Physical Geology (3) PL SCI 12 Plants and Society (4) NO COMPARABLE COURSE Same as: SCI&SOC 12 FORMERLY PLANT BIO 12 W&F BIO 51 Intro to Conservation (3) NO COMPARABLE COURSE Biology \_\_\_\_\_ \_\_\_\_\_ ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE ------\_\_\_\_\_ MATH 16A Short Calculus (3) MATH 182 Calculus for (4) Management, Life Science and Social Science I MATH 16B Short Calculus (3)|MATH 183 Calculus for (4) Management, Life Science and Social Science II OR OR MATH 17ACalculus for BioSci(4) NO COMPARABLE COURSEMATH 17BCalculus for Biosci(4) NO COMPARABLE COURSE OR OR (4) MATH 192 Analytic Geometry and (5) MATH 21A Calculus (4) MATH 193 Analytic Geometry and (5) MATH 21B Calculus Calculus II \_\_\_\_\_ POL SCI 1 Amer Natl Govt (4) POLSC 121 Introduction to (3) United States Government \_\_\_\_\_ STATIST 13 Elementary Statistics (4) MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science \_\_\_\_\_ CLIMATE CHANGE POLICY AREA: SCI&SOC 25 Global Climate Change (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 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 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

available from our TAG website.		
COMUNCN 1 Intro Public Spkg OR	(4) COMM 120 Public Speaking   OR	(3)
COMUNCN 3 Intprsnl Com Cmpetno		(3)
OR o) DRAMART 10 Intro To Acting	(4) DRAMA 122 Basic Principles of   Acting	(3)
BIOLSCI 2A Intro Biology:Life Earth		(5)
BIOLSCI 2B Intro Biology: Ecol & Evolution	logy (5) BIOSC 131 Principles of Organismal Biology,	(5)
Biodiversity & the of Life		(5)
CHEM 2A Genl Chemistry	(5) CHEM 120 General College Chemistry I	(5)
CHEM 2B Genl Chemistry	Chemistry I	(5)
	CHEM 121 General College	(5)
07	Chemistry II	
OR	Chemistry II OR	
	OR (5) NO COURSE ARTICULATED: College has  submitted course(s) for articulati	on not
CHEM 2AH Honors Genl Chemistry	OR y (5) NO COURSE ARTICULATED: College has  submitted course(s) for articulati y (5) NO COURSE ARTICULATED: College has	on not on 
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR	OR y (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati y (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati (4) GEOL 120 Physical Geology	on not on (3)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR f) GEOLOGY 50 Physical Geology m)	OR         y       (5)   NO COURSE ARTICULATED: College has submitted course(s) for articulati         y       (5)   NO COURSE ARTICULATED: College has submitted course(s) for articulati         (4)   GEOL 120       Physical Geology         (4)   GEOL 120       Physical Geology         (5)   OR       OR         (5)   OF       OR         (5)   OF       OF         (6)   GEOL 120       Physical Geology         (7)   GEOL 120       Physical Geology         (7)   GEOL 120       Physical Geology         (7)   GEOL 120       Physical Geology         (7)   GEOL 120       General College	on not on (3)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR f) GEOLOGY 50 Physical Geology m) j) PHYSICS 1A Principles Physical j) PHYSICS 1B Principles Physical	OR         y       (5)   NO COURSE ARTICULATED: College has submitted course(s) for articulati         y       (5)   NO COURSE ARTICULATED: College has submitted course(s) for articulati         (4)   GEOL 120       Physical Geology         (4)   GEOL 120       Physical Geology         (5)   OR       OR	on not on (3) (3)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR f) GEOLOGY 50 Physical Geology m) j) PHYSICS 1A Principles Physical	OR         y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         (4) GEOL 120       Physical Geology         (4) GEOL 120       Physical Geology         y       (3) GEOL 120         physical Geology       OR         (5) PHYS 120       General College         physics I       Physics I         ics       (3) PHYS 121	on not (3) (3) (4)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR f) GEOLOGY 50 Physical Geology m) j) PHYSICS 1A Principles Physical j) PHYSICS 1B Principles Physical	y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         (4) GEOL 120       Physical Geology         (4) GEOL 120       Physical Geology         y       (3) GEOL 120       Physical Geology         ics       (3) PHYS 120       General College         ics       (3) PHYS 121       General College         physics I       OR         ics       (3) PHYS 121       General College         Physics II       OR	on not (3) (3) (4)
CHEM 2AH Honors Genl Chemistry CHEM 2BH Honors Genl Chemistry m) GEOLOGY 1 The Earth OR f) GEOLOGY 50 Physical Geology m) j) PHYSICS 1A Principles Physical j) PHYSICS 1B Principles Physical OR	OR         y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         y       (5) NO COURSE ARTICULATED: College has submitted course(s) for articulati         (4) GEOL 120       Physical Geology         (4) GEOL 120       Physical Geology         y       (3) GEOL 120       Physical Geology         ics       (3) PHYS 120       General College         ics       (3) PHYS 121       General College         ics       (3) PHYS 121       General College         (4) PHYS 120       General College         (4) PHYS 120       General College	on not (3) (3) (3) (4)

ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMPAR. 	ABLE COURSE	
	ECOLOGY, BIODIVERSITY,	AND	CONSERVAT	ION TRACK:	
			<u>OR</u>  BUS 240	Business Statistics	(3)
			MATH 142	Elementary Statistics with Probability	(4)
	Elementary Statistics : STATIST 13Y	(4)	MATH 144	Statway II	(4)
	PREPARATION	FOR	GRADUATIO	<u>N</u> :	
CHEM 2CH	Honors Genl Chemistry			ARTICULATED: College has course(s) for articulati	
	Genl Chemistry OR			General College Chemistry II <b>OR</b>	
	RECOMMENDED COU	RSES	FOR THIS	 MAJOR:	
ENV S&P 1	Env Analysis	(4)	NO COMPAR	ABLE COURSE	
MATH 21B		(4)	MATH 193		(5)
MATH 21A	<b>OR</b> Calculus	(4)	  MATH 192	<b>OR</b> Analytic Geometry and Calculus I	(5)
MATH 17A MATH 17B	Calculus for Biosci	• •		OR ABLE COURSE ABLE COURSE	
MATH 16B	Short Calculus	(3)	  MATH 183   	Science I	(4)
MATH 16A	Short Calculus	(3)		Calculus for Management, Life Science and Social	(4)
ECON 1A	Princ of Microecon	(4)	İ	Microeconomics	(3)
their commu- series before series may	ly recommended that student unity college that is equiv ore transferring. Students be required to take additi will need to meet with a U	alen who onal	t to the extransfer we physics c	ntire UC Davis Physics 7A ithout completing an enti ourses upon arrival at UC	re
			PHYS 121	General College Physics II	(4)
j) PHYSICS	7C General Physics	(4)	PHYS 120	General College Physics I	(4)
			PHYS 121 	General College Physics II	(4)

# CLIMATE CHANGE AND AIR QUALITY TRACK:

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

#### WATERSHED SCIENCE TRACK:

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

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

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

#### Special Advising Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOSC 131	Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A Gei	nl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
CHEM 2B Gei	nl Chemistry	(5) CHEM 120 <u>&amp;</u> 	General College Chemistry I	(5)

		CHEM 121 General College (5) Chemistry II
CHEM 2C Genl Chemistry	(5)	CHEM 121 General College (5) Chemistry II
OR		OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AND	( 4 )	
CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci		CHEM 226Organic Chemistry I(5)CHEM 226 <b>&amp;</b> Organic Chemistry I(5)CHEM 227Organic Chemistry II(5)
CHEM 118C Org Chem, Hlth & Sci <b>OR</b>	(4)	CHEM 227 Organic Chemistry II (5) CHEM 227 Organic Chemistry II (5)
CHEM 128A Organic Chemistry	(3)	CHEM 226 Organic Chemistry I (5)
CHEM 128B Organic Chemistry	(3)	CHEM 226 & Organic Chemistry I (5)
		CHEM 227 Organic Chemistry II (5)
CHEM 128C Organic Chemistry		CHEM 227 Organic Chemistry II (5)
CHEM 129A Organic Chem Lab	(2)	CHEM 226 Organic Chemistry I (5)
MATH 17A Calculus for BioSci	(4)	NO COMPARABLE COURSE
MATH 17B Calculus for Biosci		NO COMPARABLE COURSE
MATH 17C Calculus for BioSci		NO COMPARABLE COURSE
OR		
		OR
MATH 21A Calculus	(4)	OR  MATH 192 Analytic Geometry and (5)   Calculus I
MATH 21A Calculus MATH 21B Calculus		MATH 192 Analytic Geometry and (5)
	(4)	MATH 192 Analytic Geometry and (5) Calculus I MATH 193 Analytic Geometry and (5)
MATH 21B Calculus	(4)	MATH 192 Analytic Geometry and (5) Calculus I MATH 193 Analytic Geometry and (5) Calculus II MATH 292 Analytic Geometry and (5)
MATH 21B Calculus	(4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120       E         General College       (4)
MATH 21B Calculus MATH 21C Calculus	(4) (4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120       E         General College       (4) Physics I
MATH 21B Calculus MATH 21C Calculus	(4) (4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120       E         General College       (4)
MATH 21B Calculus MATH 21C Calculus	(4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120       E         General College       (4) Physics I         PHYS 121       General College       (4) Physics II         PHYS 120       E       General College       (4)
MATH 21B Calculus MATH 21C Calculus 	(4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120 <u>&amp;</u> General College (4) Physics I         PHYS 121       General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics II
MATH 21B Calculus MATH 21C Calculus 	(4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120       E         General College       (4) Physics I         PHYS 121       General College       (4) Physics II         PHYS 120       E       General College       (4)
MATH 21B Calculus MATH 21C Calculus 	(4) (4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120 <u>&amp;</u> General College (4) Physics I         PHYS 121       General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics I         PHYS 121 <u>General College (4)</u> Physics I         PHYS 121 <u>General College (4)</u> Physics I         PHYS 121 <u>General College (4)</u> Physics II         PHYS 120 <u>&amp;</u> General College (4)         PHYS 120 <u>General College (4)</u>
MATH 21B Calculus MATH 21C Calculus j) PHYSICS 7A General Physics j) PHYSICS 7B General Physics	(4) (4) (4) (4)	MATH 192       Analytic Geometry and (5) Calculus I         MATH 193       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus II         MATH 292       Analytic Geometry and (5) Calculus III         PHYS 120 <u>&amp;</u> General College (4) Physics I PHYS 121         PHYS 121       General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics II         PHYS 121       General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics II         PHYS 120 <u>&amp;</u> General College (4) Physics II         PHYS 121 <u>General College (4)</u> Physics I         PHYS 121 <u>General College (4)</u> Physics I         PHYS 121 <u>General College (4)</u> Physics I         PHYS 121 <u>General College (4)</u>
MATH 21B Calculus MATH 21C Calculus j) PHYSICS 7A General Physics j) PHYSICS 7B General Physics	(4) (4) (4) (4) (4)	MATH 192Analytic Geometry and (5) Calculus IMATH 193Analytic Geometry and (5) Calculus IIMATH 292Analytic Geometry and (5) Calculus IIIMATH 292Analytic Geometry and (5) Calculus IIIPHYS 120 <b>&amp;</b> General College (4) Physics IIPHYS 121General College (4) Physics IIPHYS 120 <b>&amp;</b> General College (4) Physics IIPHYS 121General College (4) Physics IIPHYS 121General College (4) Physics IIPHYS 120 <b>&amp;</b> General College (4) Physics IIPHYS 121General College (4) Physics IIPHYS 121General College (4) Physics IPHYS 121General College (4) Physics IPHYS 121General College (4) Physics IIPHYS 121General College (4) Physics II

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

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END OF MAJOR

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

### ====Evolution, Ecology & Biodiversity A.B.==== Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

#### (for 2018-19)

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

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

# Transfer Admission Guarantee (TAG) Note:

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

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

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

#### 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 2016-18 General Catalog . 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) BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A Ge	nl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
CHEM 2B Ge	nl Chemistry	(5) CHEM 120 <u>&amp;</u> 	General College Chemistry I	(5)
		CHEM 121	General College Chemistry II	(5)

CHEM 82 CHEM 81		5	Chem-Brie Chem-Brie			CHEM  CHEM		5	Chemistry Chemistry		(5) (5)
MATH 1' MATH 1'		Calculu	us for Bic us for Bic <b>OR</b>			!		LE COURSI LE COURSI OI	E		
MATH 2	1A	Calculu	IS		(4)	MATH	192	Analytic Calculus	c Geometry s I	and	(5)
MATH 23	18	Calculu	IS		(4)	MATH 	193	Analytic Calculus	C Geometry S II	and	(5)
j) PHY:	SICS 1	LA Pr	rinciples	Physics	(3)	PHYS 	120	General Physics	5		(4)
j) PHY:	SICS 1	LB Pr	inciples	Physics	(3)	PHYS 	121	General Physics	College II		(4)

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RECOMMENDE	D۰

			/						
MATH	17C	Calculus for BioSci	(4)	NO C	COMPARABL	E COURSE			
		OR				OR			
MATH	21C	Calculus	(4)	MATH 		Analytic Calculus	Geometry a III	and	(5)

END OF MAJOR

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

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

#### Special Advising Note:

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

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

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

(for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

CHEM 2A Genl Chemistry

(5) CHEM 120 General College (5)

Chemistry I CHEM 2B Genl Chemistry (5)|CHEM 120 <u>&</u> General College (5) Chemistry I CHEM 121 General College (5) Chemistry II (5) CHEM 121 General College Chemistry II CHEM 2C Genl Chemistry (5) \_\_\_\_\_ CHEM 8AOrganic Chem-Brief(2) CHEM 226Organic Chemistry I(5)CHEM 8BOrganic Chem-Brief(4) CHEM 227Organic Chemistry II(5) CHEM 118A Org Chem, Hlth & Sci (4) CHEM 226 Organic Chemistry I CHEM 118B Org Chem, Hlth & Sci (4) CHEM 226 & Organic Chemistry I CHEM 227 Organic Chemistry I (5) (5) CHEM 118COrg Chem, Hlth & Sci(4)CHEM 227Organic Chemistry II(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 227Organic Chemistry II(5) \_\_\_\_\_ MATH17ACalculus for BioSci(4) NONOCOMPARABLECOURSEMATH17BCalculus for Biosci(4) NOCOMPARABLECOURSEMATH17CCalculus for BioSci(4) NOCOMPARABLECOURSE OR OR MATH 21A Calculus (4) MATH 192 Analytic Geometry and (5) Calculus I (4) MATH 193 Analytic Geometry and (5) MATH 21B Calculus Calculus II \_\_\_\_\_ j) PHYSICS 7A General Physics (4)|PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7B General Physics (4) PHYS 120  $\underline{\&}$  General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7C General Physics (4) PHYS 120 <u>&</u> General College (4) Physics I PHYS 121 General College Physics II (4) It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. \_\_\_\_\_ RECOMMENDED: MATH 21C Calculus (4) MATH 292 Analytic Geometry and (5) Calculus III \_\_\_\_\_ END OF MAJOR j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will

receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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

The undergraduate major Fiber and Polymer Science in the College of Agricultural and Environmental Sciences has been suspended for fall 2017 applicants, and fall 2017 TAGs will not be available. The minor in Fiber and Polymer Science will remain available to these applicants. Fall 2017 applicants are encouraged to consider the Textiles and Clothing major, Textile Science option.

\_\_\_\_\_ CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I (5)|CHEM 120 を General College CHEM 2B Genl Chemistry (5) Chemistry I CHEM 121 General College (5) Chemistry II CHEM 2C Genl Chemistry (5) CHEM 121 General College (5) Chemistry II B) ENG CS 15 Intro to Computers (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR ENG CS 30 Programming&Prob Solving (4) COMSC 110 Introduction to (4) Programming OR COMSC 165 Advanced Programming (4) with C and C++ OR COMSC 255 Programming with Java (4) OR ENGIN 135 Programming for (4) Scientists and Engineers

As of F18, Course Number = ENG CS 36A

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

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

MATH 21C Calc	ulus	(4)   MATH 292 	Calculus II Analytic Geometry and Calculus III	(5)
j) PHYSICS 7A	General Physics	(4) PHYS 120 <u>&amp;</u>    PHYS 121 	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7B	General Physics	(4) PHYS 120 <u>&amp;</u>    PHYS 121 	General College Physics I General College Physics II	(4) (4)
j) PHYSICS 7C	General Physics	(4) PHYS 120 <u>&amp;</u>    PHYS 121 	General College Physics I General College Physics II	(4) (4)

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

physics.	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 130   	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS 230 <u>&amp;</u>	and Scientists B: Heat	(4)
			PHYS 231   	and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230   	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
	Elementary Statistics STATIST 13Y	(4)	  MATH 144   <b>OR</b>	Statway II	(4)
banc ab	5111151 151			Elementary Statistics with Probability	(4)
				Business Statistics	(3)
TEX&CL 6	Intro Textiles	(4)	NO COMPARAB	LE COURSE	
TEX&CL 8	Textile Apparel Ind OR	(4)	NO COMPARAB 	LE COURSE OR	
ENGIN 45	Prop of Mats	(4)	ENGIN 240 	Properties of Engineering Materials	(4)

# PREPARATION FOR GRADUATION:

CHEM 128A Organic Chemistry

(3) CHEM 226 Organic Chemistry I (5)

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

	ELECT	IVE COURSES:	
ECON 1A	Princ of Microecon	(4)   ECON 221	Principles of (3)
			Microeconomics
ECON 1B	Princ of Macroecon	(4)   ECON 220	Principles of (3)
			Macroeconomics
MATH 22A	Linear Algebra	(3) MATH 194	Linear Algebra (3)
MATH 22B	Differntl Equations	(3) MATH 294	Differential Equations (5)
PL SCI 21	Computers in Technology	(3) NO COMPARAB	SLE COURSE

END OF MAJOR

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

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

### Special Advising Note:

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

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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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\mbox{General Catalog}}$  . Quick reference charts for  $\underline{\mbox{AP}}$  and  $\underline{\mbox{IB}}$  are also

available from our TAG website.

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

	Intro Biology:Life on Earth	(5)		Principles of Cellular and Molecular Biology	(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	СНЕМ 120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 121	—	(5)
	Genl Chemistry	(5)		General College Chemistry II	(5)
	Organic Chem-Brief AND	(2)		Organic Chemistry I AND	(5)
CHEM 8B	Organic Chem-Brief OR	(4)	CHEM 227		(5)
CHEM 118A	Org Chem, Hlth & Sci <b>AND</b>		CHEM 226	Organic Chemistry I <b>AND</b>	(5)
CHEM 118B	Org Chem, Hlth & Sci <b>OR</b>	(4)	CHEM 226 <u>&amp;</u> CHEM 227	Organic Chemistry I Organic Chemistry II <b>OR</b>	(5) (5)
CHEM 128A		(3)	СНЕМ 226	Organic Chemistry I AND	(5)
CHEM 128B		(3)	CHEM 226 <u>&amp;</u> CHEM 227	Organic Chemistry II	(5) (5)
СНЕМ 129А	<b>AND</b> Organic Chem Lab	(2)		AND Organic Chemistry I	(5)
j) PHYSICS	7A General Physics	(4)	PHYS 120 <u>&amp;</u>	General College Physics I	(4)
			PHYS 121		(4)
j) PHYSICS	7B General Physics	(4)	PHYS 120 <u>&amp;</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
j) PHYSICS	7C General Physics	(4)	PHYS 120 <u>&amp;</u>	General College Physics I	(4)
			PHYS 121	General College Physics II	(4)
their commu series befo series may	ly recommended that student unity college that is equiv ore transferring. Students be required to take additi will need to meet with a t	valen who ional	to the ent transfer with physics cou	ire UC Davis Physics 7A hout completing an enti rses upon arrival at UC	re
FD S&T 50	Intro Food Preservation	(3)	NO COMPARAB	LE COURSE	
NUTR 10	Discoveries and Concepts	(3)	NUTRI 115	Nutrition and Health: Personal Applications	(3)
			OR NUTRI 160	Nutrition: Science and Applications	(3)

RECOMMENDE	D FOR STUDENTS INTENDING	ΤΟ ΡΙ	JRSUE	GRADUA	TE OR PROFESSIONAL STUDIES	5:
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM	227	Organic Chemistry II (9 OR	5)
CHEM 128C	Organic Chemistry <b>AND</b>	(3)	CHEM	227	Organic Chemistry II (! AND	5)
CHEM 129B	Organic Chem Lab	(2)	CHEM CHEM	226 <u>&amp;</u> 227	Organic Chemistry I (9 Organic Chemistry II (9	'
CHEM 129C	<b>AND</b> Organic Chem Lab	(2)	CHEM	227	<b>AND</b> Organic Chemistry II (!	5)

END OF MAJOR

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

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

### Special Advising Note:

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

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

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AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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

### END OF MAJOR

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

### TWO COURSES FROM THE FOLLOWING:

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

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

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

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

### Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

#### (for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents: Mathematics 17A/B/C <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.

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

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

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

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

of Life		Evolution and Ecology
CHEM 2A Genl Chemistry	(5)	CHEM 120 General College (5)   Chemistry I
CHEM 2B Genl Chemistry	(5)	CHEM 120 <u>&amp;</u> General College (5) Chemistry I
		CHEM 121       General College       (5)         Chemistry II
CHEM 2C Genl Chemistry	(5)	CHEM 121 General College (5) Chemistry II
OR		OR
CHEM 2AH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2BH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
		CHEM 226 Organic Chemistry I (5)
CHEM 8B Organic Chem-Brief <b>OR</b>		CHEM 227 Organic Chemistry II (5)
CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 226Organic Chemistry I(5)CHEM 226&Organic Chemistry I(5)
CHEM 118C Org Chem, Hlth & Sci		CHEM 227Organic Chemistry II(5)CHEM 227Organic Chemistry II(5)
MATH 17A Calculus for BioSci MATH 17B Calculus for Biosci MATH 17C Calculus for BioSci OR	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
MATH 21A Calculus	(4)	MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B Calculus	(4)	MATH 193 Analytic Geometry and (5) Calculus II
j) PHYSICS 7A General Physics	(4)	PHYS 120 <u>&amp;</u> General College (4)   Physics I
		PHYS 121 General College (4) Physics II
j) PHYSICS 7B General Physics	(4)	PHYS 120 & General College (4) Physics I
		PHYS 121 General College (4) Physics II
j) PHYSICS 7C General Physics	(4)	PHYS 120 & General College (4) Physics I
		PHYS 121     General College     (4)       Physics II
It is highly recommended that student their community college that is equiv series before transferring. Students series may be required to take additi Davis, and will need to meet with a U physics.	alen who onal	mplete an entire physics series at t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC

#### END OF MAJOR

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

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

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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.

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.

#### 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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

b) GEOLOGY 3 History of Life	(3)	GEOL 121 	Earth and Life Through Time	(3)
b) GEOLOGY 3L History of Life Lab	(1)	GEOL 124 	Earth and Life Through Time Laboratory	(1)
f) GEOLOGY 50 Physical Geology m)	(3)	GEOL 120	Physical Geology	(3)
GEOLOGY 50L Physical Geol Lab	(2)	GEOL 122	Physical Geology Laboratory	(1)
GEOLOGY 60 Earth Materials:Intro	(4)	NO COMPARAB	-	
MATH 16A Short Calculus	(3)	MATH 182   	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B Short Calculus	(3)	MATH 183   	Calculus for Management, Life Science and Social Science II	(4)
OR MATH 21A Calculus	(4)	  MATH 192	<b>OR</b> Analytic Geometry and	(5)
			Calculus I	
MATH 21B Calculus	(4)	MATH 193 	Analytic Geometry and Calculus II	
CHEM 2A Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
		  CHEM 121 		(5)
j) PHYSICS 7A General Physics	(4)	PHYS 120 &	General College	(4)
		  PHYS 121	Physics I General College	(4)
			Physics II	(1)
j) PHYSICS 7B General Physics	(4)	PHYS 120 <u>&amp;</u>	General College Physics I	(4)
		PHYS 121	General College Physics II	(4)
It is highly recommended that student				
their community college that is equiv series before transferring. Students series may be required to take additi Davis, and will need to meet with a U physics.	who t ional	transfer wit physics cou	hout completing an enti rses upon arrival at UC	re
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	  MATH 144   <b>OR</b>	Statway II	(4)
Same as - STATIST 151		<u>OR</u>  MATH 142     <b>OR</b>	Elementary Statistics with Probability	(4)
		BUS 240	Business Statistics	(3)
OR STATIST 32 Stat Anlys Thru Comp As of F18, title = Gateway to Data Sc			OR LE COURSE	

j) PHYSICS 7C	General Physics	(4)   PHYS	120 <u>&amp;</u>	General College	(4)
				Physics I	
		PHYS	121	General College	(4)
				Physics II	

### END OF MAJOR

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

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

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also

available from our TAG website.

b) GEOLOGY	3 History of Life	(3)   GEOL 121	Earth and Life Through (3 Time	3)
b) GEOLOGY	3L History of Life Lab	(1) GEOL 124	Earth and Life Through (1 Time Laboratory	∟)
f) GEOLOGY m)	50 Physical Geology	(3) GEOL 120	Physical Geology (3	3)
GEOLOGY 50			Physical Geology (1 Laboratory	L)
GEOLOGY 60 GEOLOGY 62		1	RTICULATED: College has no course(s) for articulation	ot
MATH 21A	Calculus	(4) MATH 192	Analytic Geometry and (5 Calculus I	5)
MATH 21B	Calculus	(4) MATH 193	Analytic Geometry and (5 Calculus II	5)
MATH 21C	Calculus	(4)   MATH 292	Analytic Geometry and (5 Calculus III	5)
CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College (5 Chemistry I	5)
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College (5 Chemistry I	5)
		CHEM 121	General College (5 Chemistry II	5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

### GENERAL GEOLOGY OPTION:

		Chemistry		. ,	CHEM		Chemist	-	(5)
STATIST 32 As of F18,			Thru Comp ay to Data Sci			OMPARA	BLE COURS	E	
j) PHYSICS	7A	General	Physics	(4)	PHYS 	120 <u>s</u>	General Physics	College I	(4)
					PHYS 	121	General Physics	College II	(4)
j) PHYSICS	7B	General	Physics	(4)	PHYS 	120 <u>s</u>	General Physics	College I	(4)
					PHYS 	121	General Physics	College II	(4)
j) PHYSICS	7C	General	Physics	(4)	PHYS 	120 <u></u>	General Physics	College I	(4)
					PHYS	121	General Physics	College II	(4)

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

physics.	OR	I	OR
PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u>                 	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5) PHYS 230   	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

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

### RECOMMENDED COURSES:

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

### GEOCHEMISTRY/PETROLOGY OPTION:

CHEM 2C	Genl Chemistry	(5)   CHEM 	1 121	General College Chemistry II	(5)
	Stat Anlys Thru Comp title = Gateway to Data Sc:		COMPARAB	LE COURSE	
	Vector Analysis	(4)   MATH 	I 292	Analytic Geometry and Calculus III	(5)
PHYSICS 9A	Classical Physics	(5) PHYS     	5 130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5) PHYS 	5 230 <u>&amp;</u>	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
		PHYS     	3 231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
	RECOMMENT	DED COURS	SES:		
MATH 22A	Linear Algebra	(3)   MATH	H 194	Linear Algebra	(3)
PHYSICS 9C	Classical Physics	(5) PHYS 	5 230	Physics for Engineers and Scientists B: Heat	

and Electro-Magnetism

### QUANTITATIVE/GEOPHYSICS OPTION:

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

### **RECOMMENDED COURSES:**

STATIST 32	Differntl Equations Stat Anlys Thru Comp title = Gateway to Data	(4) NO COMPARAE	_	ons (5)
СНЕМ 2С	Genl Chemistry	(5) CHEM 121 	General College Chemistry II	(5)

END OF MAJOR

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

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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) GRMAN 120	First Term German	(5)
GERMAN 2	Elementary German	(5) GRMAN 120 &	First Term German	(5)
		GRMAN 121	Second Term German	(5)
GERMAN 3	Elementary German	(5) GRMAN 121	Second Term German	(5)
GERMAN 20	Intermediate German	(4) GRMAN 220 <u>&amp;</u>	Third Term German	(5)
		GRMAN 221	Fourth Term German	(5)
GERMAN 21	Intermediate German	(4).		
		GRMAN 230	Fifth Term German	(3)
GERMAN 22	Intermediate German	(4) GRMAN 231	Sixth Term German	(3)

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END OF MAJOR

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

### Special Advising Note:

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

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

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

General Catalog . Quick reference char available from our TAG website.	rts	for $\underline{AP}$ and $\underline{IB}$ 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)	BIOSC 130 Principles of (5) Cellular and Molecular Biology
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	
BIOLSCI 2C Intro Biology: Biodiversity & the Tree of Life		
CHEM 2A Genl Chemistry	(5)	CHEM 120 General College (5) Chemistry I
CHEM 2B Genl Chemistry	(5)	CHEM 120 & General College       (5)         Chemistry I       Cherral College       (5)
		Chemistry II
CHEM 2C Genl Chemistry	(5)	CHEM 121 General College (5) Chemistry II
CHEM 8A Organic Chem-Brief CHEM 8B Organic Chem-Brief <b>OR</b>		CHEM 226Organic Chemistry I(5)CHEM 227Organic Chemistry II(5)OROR
CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci		CHEM 226Organic Chemistry I(5)CHEM 226&Organic Chemistry I(5)CHEM 227Organic Chemistry II(5)
MATH 17A Calculus for BioSci MATH 17B Calculus for Biosci MATH 17C Calculus for BioSci	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
j) PHYSICS 7A General Physics	(4)	PHYS 120 & General College (4) Physics I
		PHYS 121General College(4)Physics II
j) PHYSICS 7B General Physics	(4)	PHYS 120 & General College (4) Physics I
It is highly recommended that students	9 00	PHYS 121       General College       (4)         Physics II       Physics series at
	alen who onal	t to the entire UC Davis Physics 7A/B/C transfer without completing an entire physics courses upon arrival at UC

### PREPARATION FOR GRADUATION:

STATIST 13	Elementary Statistics	(4) MATH 144	Statway II	(4)
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OR MATH 142 Elementary Statistics (4) with Probability

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OR DITE 240

BUS 240 Business Statistics (3)

#### END OF MAJOR

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

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

#### Special Advising Note:

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

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

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### College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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, including at least two from one of the following fields, one from a second field, and one from a third field. The fifth course can be taken from any field: A.AFRICAN AND MIDDLE EAST HISTORY HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 15 Intro African Hist (4) NO COMPARABLE COURSE Course discontinued as of S18 \_\_\_\_\_ B. ASIAN HISTORY HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HISTORY 8Indian Civilization(4) NO COMPARABLE COURSEc) HISTORY 9AEast Asian Civ(4) HIST 150History of East Asia (to 1600) OR HIST 151 History of East Asia (3) (from 1600 - Present) c) HISTORY 9B East Asian Civ (4) HIST 150 History of East Asia (3) (to 1600) OR |HIST 151 History of East Asia (3) (from 1600 - Present) \_\_\_\_\_ C. EUROPEAN HISTORY HISTORY 3 Cities: Survey of World (4) NO COMPARABLE COURSE Cultures (4) |HIST 140 History of Western (3) HISTORY 4A Western Civ Civilization to the Renaissance HISTORY 4B Western Civ (4) HIST 141 History of Western (3) Civilization since the Renaissance (4) |HIST 141 History of Western (3) HISTORY 4C Western Civ Civilization since the Renaissance \_\_\_\_\_ D. LATIN AMERICAN HISTORY HISTORY 7A Latin America to 1700 (4) HIST 135 History of Latin (3) America - The Colonial Period HISTORY 7B Latin America 1700-1900 (4) HIST 135 & History of Latin (3) America - The Colonial Period HIST 136 History of Latin (3) America - The National Period (4) HIST 136 History of Latin (3) HISTORY 7C Latin America America - The National 1900-Present Period \_\_\_\_\_ E. U.S. HISTORY g) HISTORY 17A U.S. History (4) HIST 120 History of the United (3) States before 1865 g) HISTORY 17B U.S. History (4) HIST 121 History of the United (3) States after 1865

HISTORY 18A	Race in America to 186	5 (4) NO COURSE A	ARTICULATED	
g) HISTORY 724	Am Women & Gender	(4) HIST 170	History of Women in the United States before 1877	(3)
g) HISTORY 72E	Am Women & Gender	(4)  HIST 171	History of Women in the United States after 1865	(3)
	F. WOR	LD HISTORY		
HISTORY 10A	World History to 1350	(4) HIST 180	World History to 1500	(3)
HISTORY 10B	World History 1350-1850	(4) HIST 181 	World History since 1500	(3)
HISTORY 10C	World History III	(4)  HIST 181	World History since 1500	(3)

END OF MAJOR

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

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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 140		(3)
		ANTHR 141L	Anthropology Biological Anthropology	(1)
			Laboratory	
ANTHRO 2 As of W17,	Cultural Anthropology units=5	(4)   ANTHR 130	Cultural Anthropology	(3)
ANTHRO 15	Human Life Cycle	(5) NO COMPARA	BLE COURSE	
Select one course from:				

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

		OR			OR	
BIOLSCI 10	Eve	ryday Biology	(4)	ļ	Fundamentals of Biological Science	(3)
		OR		<u>OR</u>  BIOSC 102   	Fundamentals of Biological Science with Laboratory <b>OR</b>	(4)
MIC BIO 10			(3)		ARTICULATED: College has	
	Inf	ectious Diseases <b>OR</b>		submitted	<pre>course(s) for articulati</pre>	on
NE PH B 12	Hum	an Brain and Disease	(3)		ARTICULATED: College has	
				submitted	course(s) for articulati	on
MOL&CB 10	Intr	o Human Heredity	(4)	NO COMPAR	ABLE COURSE	
		Select one	e co	urse from:		
g) HISTORY	17A	U.S. History OR	(4)	HIST 120   	History of the United States before 1865 <b>OR</b>	(3)
g) HISTORY	17B	U.S. History OR	(4)	HIST 121	History of the United States after 1865 <b>OR</b>	(3)
g) HISTORY	72A	Am Women & Gender OR	(4)	HIST 170   	History of Women in the United States before 1877 <b>OR</b>	(3)
g) HISTORY	72B	Am Women & Gender	(4)	HIST 171   	History of Women in the United States after 1865 <b>OR</b>	(3)
POL SCI 1	Amer		(4)	POLSC 121		(3)

### Select two of the following courses:

PHILOS 5	Critical Reasoning	(4)	PHILO 130	Logic and Critical (3) Thinking
			<u>OR</u>  ENGL 126 	Critical Thinking: (3) The Shaping of Meaning in Language
PHILOS 15	Intro to Bioethics	(4)		ARTICULATED: College has not course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHILOS 31	Scientific Reason	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHILOS 32	Scientific Change	(4)	NO COURSE	ARTICULATED: College has not course(s) for articulation
PHILOS 38	Intro Philos of Biol	(4)		ARTICULATED: College has not course(s) for articulation
NE PH B 10	Elem Human Physio	(3)	BIOSC 140	Human Physiology (5)
PSYCH 1	General Psychology	(4)	PSYCH 101 	Introduction to (3) Psychology

Select one of the following options: PSYCH 41 Research Methods (4) PSYCH 215 Introduction to (3) Research Methods in Psychology OR OR SOCIOL 46A Intro Social Rsch (4) SOCIO 123 Introduction to (3) Social Research AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE OR OR STATIST 10 Statist Thinking (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR STATIST 13 Elementary Statistics (4) MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) \_\_\_\_\_

END OF MAJOR

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

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

### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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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# Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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

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

(5) PHYS 130   	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
(5) PHYS 230   	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
(4)   MATH 192	Analytic Geometry and (5) Calculus I
(4)   MATH 193	Analytic Geometry and (5) Calculus II
(4)   MATH 292	Analytic Geometry and (5) Calculus III
(4)   MATH 292	
(2)   MATTH 104	
	·
(3) GEOL 120	Physical Geology (3)
(2)  GEOL 122	Physical Geology (1) Laboratory
(4) ENGIN 136   	Computer Programming (4) for Engineers Using MATLAB
	<ul> <li>PHYS 231</li> <li>(5) PHYS 230</li> <li>(4) MATH 192</li> <li>(4) MATH 193</li> <li>(4) MATH 292</li> <li>(4) MATH 292</li> <li>(3) MATH 194</li> <li>(3) MATH 294</li> <li>(3) GEOL 120</li> </ul>

### END OF MAJOR

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

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\texttt{General Catalog}}$  . Quick reference charts for  $\underline{\texttt{AP}}$  and  $\underline{\texttt{IB}}$  are also available from our TAG website.

	Intro Intl Ag Development	(4)	NO COMPAR <i>I</i> 	ABLE COURSE	
	Bot Physio Cul Plt	(4)			not
			İ	Soil Science and Management	
	Princ of Microecon	(4)			
ECON 1B	Princ of Macroecon	(4)	ECON 220 	Principles of Macroeconomics	(3)
	Elementary Statistics	(4)			(4)
Same as.	STATIST 13Y		<u>OR</u>  MATH 142 	Elementary Statistics with Probability	(4)
	OR		<u>OR</u>  BUS 240 	Business Statistics OR	(3)
	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE	
МАТН 16А	Short Calculus			Calculus for Management, Life Science and Social Science I	(4)
	The Community			ABLE COURSE	
	SIX QUARTER	UNITS	FROM THE I	FOLLOWING:	
AGRESEC 15	Pop,Envr,World Agri	(4)		ARTICULATED: College has course(s) for articulati	
AN SCI 41	Domestic Ani Prod	(2)		ABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	·	ARTICULATED: College has	
CM&RGDE 20	Food Systems		NO COURSE	course(s)for articulation ARTICULATED: College has	not
NUTR 10	Discoveries and Concepts		NUTRI 115	course(s)for articulation Nutrition and Health: Personal Applications	
			<u>OR</u>  NUTRI 160	Nutrition: Science and Applications	(3)
	Agr Nature & Society	(3)		ABLE COURSE	
PL SCI 1				ADDITATI ADDD: Asllere bee	not
PL SCI 1 PL SCI 15	Intro Sustainable Agriculture	(4)		ARTICULATED: College has course(s) for articulation	

### FOREIGN LANGUAGE REQUIREMENT:

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

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

	-	SPECIALIZATIO	
		PRODUCTION OP	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)  BIOSC 130 	Principles of (5) Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131	
CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5) CHEM 120 4	General College (5) Chemistry I
		CHEM 121	
	TRADE AND ECONOM	C DEVELOPMENT	OPTION:
МАТН 16В	Short Calculus	(3)   MATH 183   	Calculus for (4) Management, Life Science and Social Science II
SOCIOL 1	Intro Sociology OR	(5) SOCIO 120	Introduction to (3) Sociology OR
ANTHRO 2 As of W17,	Cultural Anthropology	(4) ANTHR 130	Cultural Anthropology (3)
			ARTICULATED: College has not course(s) for articulation
	ENVIRONMEN	AL ISSUES OPT	 ION:
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSC 130 	Principles of (5) Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131	Principles of (5) Organismal Biology,
ENV S&P 1	Env Analysis	(4) NO COMPARA	Evolution and Ecology ABLE COURSE
		UNITIES OPTION	 ۲:
	RURAL COM	•••••••••••••••••••••••••••••••••••••••	
SOCIOL 1		(5) SOCIO 120	

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

### Special Advising Note:

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

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

### Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

ANTHRO 2 Cultural Anthr As of W17, units=5	opology (4)	ANTHR 130	Cultural Anthropology	(3)
OR		1	OR	
ECON 1A Princ of Microe	con (4)	ECON 221	-	(3)
ECON 1B Princ of Macroe	con (4)	ECON 220 	Principles of Macroeconomics	(3)
HISTORY 4C Western Civ	(4)	HIST 141   	History of Western Civilization since the Renaissance <b>OR</b>	(3)
HISTORY 10C World Histo	ry III (4)	HIST 181 	World History since 1500	(3)
POL SCI 2 Intro Comp Po	litics (4)	POLSC 120     <b>OR</b>	Introduction to Politics	(3)
		· ·	Comparative Politics	(3)
POL SCI 3 Internatl Rel	ations (4)		International Relations	(3)
POL SCI 12Y Data Visual Same as: COMUNCN 12Y, P SOCIOL 12Y				not

	OR			OR	
STATIST 13	Elementary Statistics	(4)	MATH 144	Statway II	(4)
Same as:	STATIST 13Y		OR		
			MATH 142	Elementary Statistics	(4)
			İ	with Probability	
			OR		
			BUS 240	Business Statistics	(3)
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	BLE COURSE	
DOT COT E1	Caiontifia Ctudu of	(4)			
POL SCI 51	Scientific Study of Politics	(4)	1	ARTICULATED: College has course(s) for articulati	

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 ARABIC 2 ARABIC 3	Elementary Arabic Elem Arabic Elem Arabic	(5)	ARABC 120First Term Arabic(5)ARABC 120First Term Arabic(5)ARABC 120&First Term Arabic(5)
ARABIC 21	Intermed Arabic	(5)	ARABC 121Second Term Arabic(5)ARABC 120&First Term Arabic(5)ARABC 121Second Term Arabic(5)
As of S17 u	nits = 4		
ARABIC 22	Intermed Arabic	(5)	ARABC 121 Second Term Arabic (5)
As of S17,	units =4		
ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not
		()	submitted course(s) for articulation
As of F17,	units = 4		
110 01 11,7	OR		OR
x) CHINESE		(5)	CHIN 120 First Term Mandarin (5)
A) CHINEDE		(3)	Chinese
x) CHINESE	2 Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE			CHIN 121 Second Term Mandarin (5)
X) CHINESE	5 ETEM CHIMESE	(5)	Chinese
	1 Tration Chinese	(	
x) CHINESE	4 Inter Chinese	(5)	CHIN 220 Third Term Mandarin (5)
)		( = )	Chinese
x) CHINESE			NO COMPARABLE COURSE
x) CHINESE	6 Inter Chinese	(5)	CHIN 221 Fourth Term Mandarin (5)
			Chinese
	OR	<i>(</i> <b>–</b> )	OR
x) CHINESE	1CN Mand/Cant Spkrs	I (5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
x) CHINESE	2CN Mand/Cant Spkrs	II (5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
x) CHINESE	3CN Mand/Cant Spkrs	III (5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
x) CHINESE	1BL Accl Wrtn Chines	se I (5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
x) CHINESE	2BL Accl Wrtn Chines	se (5)	NO COURSE ARTICULATED: College has not
	II		submitted course(s) for articulation
x) CHINESE	3BL Accl Wrtn Chines	se (5)	NO COURSE ARTICULATED: College has not
	III		submitted course(s) for articulation
	OR		OR
FRENCH 1	Elementary French	(5)	FRNCH 120 First Term French (5)
FRENCH 2	Elementary French	(5)	FRNCH 120 & First Term French (5)
	-		FRNCH 121 Second Term French (5)

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

y) JPNESE 2	Elem Japanese	(5)	JAPAN 120 <u>&amp;</u> First Term Japanese (5) JAPAN 121 Second Term Japanese (5)
y) JPNESE 3	Elem Japanese	(5)	JAPAN 121 Second Term Japanese (5)
y) JPNESE 4	Inter Japanese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
y) JPNESE 5	Inter Japanese	(5)	NO COMPARABLE COURSE
y) JPNESE 6	Inter Japanese	(5)	NO COMPARABLE COURSE
	OR		OR
PORTUG 1	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 2	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 3	Elementary Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 21	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PORTUG 22	Intermediate Portuguese	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
RUSSIAN 1	Elementary Russian	(5)	RUSS 120 First Term Russian (5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 121 Second Term Russian (5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 220 Third Term Russian (5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 221 Fourth Term Russian (5)
RUSSIAN 5	Intermed Russian	(4)	NO COMPARABLE COURSE

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

	OR			OR	
SPANISH 1	Elementary Spanish	(5)	SPAN 120	First Term Spanish	(5)
SPANISH 2	Elementary Spanish	(5)	SPAN 120 &	First Term Spanish	(5)
			SPAN 121	Second Term Spanish	(5)
SPANISH 3	Elementary Spanish	(5)	SPAN 121	Second Term Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 220	Third Term Spanish	(5)
			OR		
			SPAN 230	Fifth Term Spanish	(3)
SPANISH 22	Intm Spanish	(5)	SPAN 221	Fourth Term Spanish	(5)
			OR		
			SPAN 231	Sixth Term Spanish	(3)
	OR			OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARAB	LE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARAE	BLE COURSE	

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

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Int Span Nat Spk III (5) NO COMPARABLE COURSE

END OF MAJOR

SPANISH 33

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

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

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

ITALIAN 1 ITALIAN 2	Elementary Italian Elementary Italian	(5)  ITAL 120 <b>&amp;</b>	First Term Italian First Term Italian	(5) (5)
		ITAL 121	Second Term Italian	(5)
ITALIAN 3	Elementary Italian	(5) ITAL 121	Second Term Italian	(5)
ITALIAN 4	Interm Italian	(4)   ITAL 220	Third Term Italian	(5)

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

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

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END OF MAJOR

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

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 <u>Japanese placement exams</u> and also information regarding <u>foreign language placement exams</u>. 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.

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

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

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information.

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

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

<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)	JAPAN	120	First Term Japanese (5)
y)	JPNESE	2	Elem Japanese	(5)	JAPAN	120	<b><u>&amp;</u></b> First Term Japanese (5)
					JAPAN	121	Second Term Japanese (5)
y)	JPNESE	3	Elem Japanese	(5)	JAPAN	121	Second Term Japanese (5)
y)	JPNESE	4	Inter Japanese	(5)	NO COU	JRSE	ARTICULATED: College has not
					submit	tted	course(s)for articulation
y)	JPNESE	5	Inter Japanese	(5)	NO CON	MPARA	ABLE COURSE
y)	JPNESE	6	Inter Japanese	(5)	NO CON	MPARA	ABLE COURSE
					·		

### RECOMMENDED COURSES FOR THIS MAJOR:

JPNESE 10 JPNESE 25	Masterworks in English Language & Culture (in English)		NO COMPARABLE COURSE NO COMPARABLE COURSE
CHINESE 10	Modern Lit (in Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHINESE 11	Gt Bks China (Engl)	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHINESE 50 Same as:	Intro to Literature JPNESE 50	(4)	
LINGUIS 1	Intro Linguistics	(4)	ENGL 124 The Nature of (3) Language: An Introduction to Linguistics
c) HISTORY 9	98 East Asian Civ	(4)	HIST 150 History of East Asia (3) (to 1600)
			<u>OR</u>  HIST 151 History of East Asia (3)   (from 1600 - Present)

END OF MAJOR

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

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

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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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### PRE-MAJOR REQUIREMENT:

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

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

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

### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

\_\_\_\_\_ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ COMUNCN 1 Intro Public Spkg (4) COMM 120 Public Speaking \_\_\_\_\_ (4) ENGL 123 Critical Thinking: (3) ENGLISH 3 Intro to Lit Composition and Literature OR OR UWRITING 1 Expository Writing (4) ENGL 122 Freshman English: (3) Composition and Reading OR OR UWRITING 18 Style in the Essay (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 48 OR OR UWRITING 19 Wrtg Research Papers (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 49 \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) Earth Cellular and Molecular Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of & Evolution Organismal Biology, (5) Evolution and Ecology \_\_\_\_\_ ENVHORT 6 Intro Environ Plants (4) NO COMPARABLE COURSE \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: MATH 16A Short Calculus (3) | MATH 182 Calculus for (4) Management, Life Science and Social Science I STATIST 13 Elementary Statistics (4) MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) (4) NO COMPARABLE COURSE ENG CS 10 Intro to 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.

#### ONE COURSE FROM THE FOLLOWING:

CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I (4) | CHEM 106 CHEM 10 Concept of Chem Chemistry for (4)Non-Science Majors j) PHYSICS 1A Principles Physics (3) PHYS 120 General College (4) Physics I PHYSICS 10 Topics, Nonscientists (4) PHYS 110 Elementary Physics (3) (4) GEOL 120 Physical Geology m) GEOLOGY 1 The Earth (3) (3) HORT 120 Soil Science and SOILSCI 10 Soils in Our (3) Management Environment \_\_\_\_\_ LND ARC 1 Intro Environ Design (4) HORT 180 Introduction to (3) Landscape Architecture LND ARC 2 Place, Culture, Community (4) NO COMPARABLE COURSE LND ARC 3 Sustainable Development (4) NO COMPARABLE COURSE LND ARC 21 Design Visualization (5) HORT 181 Landscape Design I: (3) Graphics As of F17, units = 4As of F17, title = Land Rep I LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE LND ARC 50 Site Ecology (4) NO COMPARABLE COURSE LND ARC 60 Landform Grading Studio (6) NO COMPARABLE COURSE LND ARC 70 Introduction to (5) NO COMPARABLE COURSE Spacemaking As of F17, units = 4\_\_\_\_\_ Two courses in Arts and Humanities selected from the UC Davis GE/Breadth Articulation Agreement TB: Arts and Humanities. \_\_\_\_\_ Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences. \_\_\_\_\_

END OF MAJOR

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 <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)   ENGL 124	The Nature of	(3)
			Language: An	
			Introduction to	
			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

END OF MAJOR

#### ====Managerial Economics B.S.====

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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. Preparing well for the major helps students move 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 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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

COMUNCING 1	Intro Dublia Soka	(1)	   сомм 120	Public Speaking (3
	OR		İ	OR
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128   	Interpersonal (3 Communication
AGRESEC 18	Business Law	(4)	BUS 294	Business Law (3
				Principles of (3 Microeconomics
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of (3 Macroeconomics
PL SCI 21	Computers in Technology OR	(3)	NO COMPARA 	BLE COURSE OR
ENG CS 10	Intro to Programming OR	(4)	NO COMPARA	-
B) ENG CS 1	5 Intro to Computers	(4)		ARTICULATED: College has no course(s)for articulation OR
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to (4 Programming
			COMSC 165	Advanced Programming (4 with C and C++
			<u>OR</u>  COMSC 255	Programming with Java (4
			<u>OR</u>  ENGIN 135   	Programming for (4 Scientists and Engineers
may not	note that the community col be identical to UC Davis of ansfer to UC Davis, may nee encies.	our	ses. Commu	nity college students,
MGMT 11B	Elem Accounting	(4)	BUSAC 187	Financial Accounting (4 Managerial Accounting (4
	Short Calculus		  MATH 182	
MATH 16B				Management, Life Science and Social
	Short Calculus	(3)	      MATH 183   	Management, Life Science and Social Science I
MATH 16C	Short Calculus Short Calculus		   	Management, Life Science and Social Science I Calculus for (4 Management, Life Science and Social Science II Calculus for (4 Management, Life Science and Social Science II
MATH 16C MATH 17A	Short Calculus	(3)	MATH 183    MATH 183	Management, Life Science and Social Science I Calculus for (4 Management, Life Science and Social Science II Calculus for (4 Management, Life Science and Social Science II OR
	Short Calculus Short Calculus OR	(3)	MATH 183    MATH 183	Management, Life Science and Social Science I Calculus for (4 Management, Life Science and Social Science II Calculus for (4 Management, Life Science and Social Science II OR BLE COURSE
MATH 17A	Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci	(3) (4) (4) (4)	MATH 183 MATH 183 NO COMPARA NO COMPARA MATH 192	Management, Life Science and Social Science I Calculus for (4 Management, Life Science and Social Science II Calculus for (4 Management, Life Science and Social Science II OR BLE COURSE BLE COURSE

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

END OF MAJOR

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

### ====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:

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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 2016-18 General Catalog . Quick reference charts for AP and IB are also

available from our TAG website.

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

CHEM 2A Genl Chemistry (5) CHEM 120 General College (5)

Chemistry I

CHEM 2B	Genl Chemistry	(5)	İ	120 <u>&amp;</u> 121	General College Chemistry I General College Chemistry II	(5) (5)
	Genl Chemistry	(5)	CHEM 		General College Chemistry II	(5)
	Short Calculus	(3)	MATH     		Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH   	183	Calculus for Management, Life Science and Social Science II	(4)
МАТН 16С	Short Calculus OR	(3)	MATH     	183	Calculus for Management, Life Science and Social Science II <b>OR</b>	(4)
MATH 17A	Calculus for BioSci	(4)		MDARAR	LE COURSE	
MATH 17B	Calculus for Biosci				LE COURSE	
MATH 17C	Calculus for BioSci				LE COURSE	
MAIN 1/C	OR	( = )			OR	
MATH 21A	Calculus	(1)	   או אידדיד	100	Analytic Geometry and	( 5 )
MAIN ZIA	Calculus	(4)		192	Calculus I	(5)
MATH 21B	Calculus	(4)	  MATH		Analytic Geometry and Calculus II	(5)
MATH 21C		(4)	   MATH 		Analytic Geometry and Calculus III	(5)
j) PHYSICS	7A General Physics	(4)	PHYS	120 <u>&amp;</u>	General College Physics I	(4)
			PHYS 	121	General College Physics II	(4)
j) PHYSICS	7B General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College Physics I	(4)
			PHYS 	121	General College Physics II	(4)
j) PHYSICS	7C General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College Physics I	(4)
			PHYS		General College Physics II	(4)
	ly recommended that student unity college that is equiv					/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

 PHYSICS 9A
 Classical Physics
 (5) PHYS 130
 Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion

 PHYSICS 9B
 Classical Physics
 (5) PHYS 230 & Physics for Engineers (4) and Scientists B: Heat

and Electro-Magnetism

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

### STRONGLY RECOMMENDED:

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

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

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

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

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

# **REQUIREMENTS FOR ADMISSION:**

(for 2018-19)

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

Mathematics 17A/B/C <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 UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI 2A Intro Earth	Biology:Life on	(5)	BIOSC   	2 130	Principles of Cellular and Molecular Biology	(5)
	Biology: Ecology lution	(5)	  BIOSC 	2 131		(5)
		(5)	BIOSC	2 131		(5)
CHEM 2A Genl Che	mistry	(5)	CHEM 	120	General College Chemistry I	(5)
CHEM 2B Genl Che	mistry	(5)	ĺ	120 <u>&amp;</u> 121	General College Chemistry I General College Chemistry II	(5) (5)
CHEM 2C Genl Che	mistry AND	(5)	CHEM   	121	General College Chemistry II <b>AND</b>	(5)
CHEM 8A Organic	Chem-Brief Chem-Brief			226 227	Organic Chemistry I	
MATH 17B Calculu MATH 17C Calculu	s for BioSci s for Biosci s for BioSci	(4)	і по сс	MPARAE	BLE COURSE BLE COURSE BLE COURSE	
MATH 17B Calculu MATH 17C Calculu	s for Biosci s for BioSci <b>OR</b>	(4) (4)	NO CC  NO CC 	)MPARAE )MPARAE	BLE COURSE BLE COURSE <b>OR</b> Analytic Geometry and	(5)
MATH 17B Calculu MATH 17C Calculu MATH 21A Calculu MATH 21B Calculu	s for Biosci s for BioSci OR s	(4) (4) (4)	NO CC  NO CC    MATH 	)MPARAE )MPARAE	BLE COURSE BLE COURSE OR Analytic Geometry and Calculus I	
MATH 17B Calculu MATH 17C Calculu MATH 21A Calculu MATH 21B Calculu	s for Biosci s for BioSci OR s	(4) (4) (4) (4)	NO CC  NO CC    MATH    MATH	0MPARAE 0MPARAE 192 193  120 <u>&amp;</u>	BLE COURSE BLE COURSE OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II	
MATH 17B Calculu MATH 17C Calculu MATH 21A Calculu MATH 21B Calculu	s for Biosci s for BioSci OR s s neral Physics	(4) (4) (4) (4) (4)	NO CC NO CC MATH MATH PHYS	MPARAE MPARAE 192 193  120 <u>&amp;</u> 121 120 <u>&amp;</u>	BLE COURSE BLE COURSE OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II General College Physics I General College	(5)  (4)
MATH 17B Calculu MATH 17C Calculu MATH 21A Calculu MATH 21B Calculu 	s for Biosci s for BioSci OR s s neral Physics	(4) (4) (4) (4) (4) (4)	NO CC NO CC MATH MATH PHYS PHYS PHYS	DMPARAE         192         193         120         121         120         121         120         121         120         121         120         121         120         121	BLE COURSE OR Analytic Geometry and Calculus I Analytic Geometry and Calculus II General College Physics I General College Physics II General College Physics I General College Physics I General College	(5) (4) (4) (4)

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

	<u>on</u>	I	<u>on</u>	
PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u>	Physics for Engineers	(4)

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

#### STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		ARTICULATED: College has not course(s)for articulation
GEOLOGY 16	The Oceans	(3) OCEAN 101 	Fundamentals of (3) Oceanography

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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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:

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AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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)	BIOSC   	2 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIOSC 	2 131		(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC   	2 131		(5)
CHEM 2A Ge	nl Chemistry	(5)	CHEM 	120	General College Chemistry I	(5)
CHEM 2B Ge	nl Chemistry	(5)	CHEM	120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 	121	General College Chemistry II	(5)
CHEM 2C Ge	nl Chemistry	(5)	CHEM 		General College Chemistry II	
MATH 16A S	hort Calculus	(3)	MATH   	182	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B S	hort Calculus	(3)	   MATH 	183	Calculus for Management, Life Science and Social	(4)
MATH 16C S		(3)	   MATH   	183	Science II Calculus for Management, Life Science and Social Science II	(4)
MATH 17A C	<b>OR</b> alculus for BioSci	(4)	  NO CC	MPARABI	OR Le course	
МАТН 17В С	alculus for Biosci	(4)	і по сс	MPARABI	LE COURSE	
MATH 17C C	alculus for BioSci <b>OR</b>	(4)	NO CC 	MPARABI	LE COURSE OR	
MATH 21A C	alculus	(4)	MATH	192	Analytic Geometry and Calculus I	(5)
MATH 21B C	alculus	(4)	   MATH	193	Analytic Geometry and	(5)
	alculus		İ	292	Calculus II Analytic Geometry and Calculus III	
j) PHYSICS 7A	General Physics	(4)	PHYS	120 <u>&amp;</u>	General College Physics I	(4)
			   PHYS 	121	General College Physics II	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS	120 <u>&amp;</u>	General College	(4)
			   PHYS 	121	Physics I General College Physics II	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS	120 <u>&amp;</u>	General College Physics I	(4)
			PHYS	121	General College Physics II	(4)

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

	OR		OR
PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u>                       	and Scientists B: Heat and Electro-Magnetism
PHYSICS 9C	Classical Physics	(5) PHYS 230   	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

#### STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea				ARTICULATED:		
			submi	tted	course(s)for	articula	ition
GEOLOGY 16	The Oceans	(3)	OCEAN	101	Fundamenta	als of	(3)
					Oceanogra	phy	
							·

END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 <u>http://bml.ucdavis.edu/education/marine-coastal-science-undergraduate-major/</u>
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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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)	BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131		
BIOLSCI 2C	Biodiversity & the Tree of Life		i I	Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A Ge	nl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B Ger	nl Chemistry	(5)	CHEM 120	<u>&amp;</u> General College Chemistry I	(5)
			CHEM 121 	—	(5)
CHEM 2C Ger	nl Chemistry	(5)	CHEM 121 	General College Chemistry II	(5)
MATH 16A SI	hort Calculus	(3)	MATH 182     	Calculus for Management, Life Science and Social Science I	(4)

MATH 16B	Short Calcu	lus	(3)	MATH   	183	Calculus for ( Management, Life Science and Social Science II	4)
МАТН 16С	Short Calcu	lus	(3)	  MATH   	183		4)
	OR					OR	
MATH 17A	Calculus fo	r BioSci	(4)	NO CO	OMPAF	ABLE COURSE	
MATH 17B	Calculus fo	r Biosci	(4)	NO CO	OMPAF	ABLE COURSE	
MATH 17C	Calculus fo	r BioSci	(4)	NO CO	OMPAF	ABLE COURSE	
	OR			1		OR	
MATH 21A	Calculus		(4)	MATH 	192	Analytic Geometry and ( Calculus I	5)
MATH 21B	Calculus		(4)	MATH 	193	Analytic Geometry and ( Calculus II	5)
MATH 21C			(4)	MATH 	292	Analytic Geometry and ( Calculus III	5)
j) PHYSICS	7A Genera	l Physics	(4)	PHYS 	120	<u>&amp;</u> General College ( Physics I	4)
				PHYS	121	General College ( Physics II	4)
j) PHYSICS	7B Genera	l Physics	(4)	PHYS 	120	<u>&amp;</u> General College ( Physics I	4)
				PHYS	121	-	4)
				1			
J) PHYSICS	7C Genera	l Physics	(4)	İ		Physics I	4)
				PHYS 	121	General College ( Physics II	4)
Tt is highl	v rogommondo	d that student		mplot	n	ontiro physica corios 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.

physics.	OR	I	OR
PHYSICS 9A	Classical Physics	(5) PHYS 130     	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
PHYSICS 9B	Classical Physics	(5) PHYS 230 <u>&amp;</u> PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5) PHYS 230	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism

EVOL&EC 12 Life in the Sea (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

GEOLOGY 16	The Oceans	(3)   OCEAN 101	Fundamentals of Oceanography	(3)

END OF MAJOR

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

## ====Materials Science & Engineering B.S.==== Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment. See the UC Davis <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 2016-18 UC Davis General Catalog online.

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

REOUIRED	FOR	ADMISSION:
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a) MATH 21A	Calculus	(4) MATH 192 	Analytic Geometry and (5) Calculus I
a) MATH 21B	Calculus	(4) MATH 193 	Analytic Geometry and (5) Calculus II
a) MATH 21C	Calculus	(4) MATH 292 	Analytic Geometry and (5) Calculus III
a) MATH 21D	Vector Analysis	(4) MATH 292 	Analytic Geometry and (5) Calculus III
a) MATH 22A	Linear Algebra	(3) MATH 194	Linear Algebra (3)
a) MATH 22B	Differntl Equations	(3) MATH 294	Differential Equations (5)
a) PHYSICS 9A	Classical Physics	(5) PHYS 130   	Physics for Engineers (4) and Scientists A: Mechanics and Wave Motion
a) PHYSICS 9B	Classical Physics	(5)   PHYS 230 <u>&amp;</u>     PHYS 231	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism Physics for Engineers (4) and Scientists C: Optics and Modern Physics
a) PHYSICS 9C	Classical Physics	(5) PHYS 230   	Physics for Engineers (4) and Scientists B: Heat and Electro-Magnetism
a) PHYSICS 9D	Modern Physics	(4) PHYS 231   	Physics for Engineers (4) and Scientists C: Optics and Modern Physics
a) CHEM 2A	Genl Chemistry	(5) CHEM 120	General College (5) Chemistry I
a) CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College (5) Chemistry I
		CHEM 121	General College (5) Chemistry II
a) CHEM 2C	Genl Chemistry	(5) CHEM 121	General College (5)

			Chemistry II	
a) ENGIN 17 Circuits I	(4)	ENGIN 230 	Introduction to Circuits and Devices	(4)
a) ENGIN 45 Prop of Mats	(4)	ENGIN 240 	Properties of Engineering Materials	(4)
ENG CHM 60 Engineering Problem Solv OR	(4)	 I	OR	
a) ENG CS 30 Programming&Prob Solving	(4)	COMSC 110	Introduction to Programming	(4)
		COMSC 165	Advanced Programming with C and C++	(4)
		COMSC 255	Programming with Java	(4)
OR		ENGIN 135	Programming for Scientists and Engineers <b>OR</b>	(4)
a) ENGIN 6 Engr Prob Solving	(4)	ENGIN 136   	Computer Programming for Engineers Using MATLAB	(4)

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

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

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

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

#### RECOMMENDED COURSES:

a) ENGIN 35	Statics	(4) ENGIN 255	Statics	(3)

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

#### END OF MAJOR

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

### ====Mathematical & Scientific Computation B.S.==== Special Advising Note:

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

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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.

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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.

# Recommended Language Preparation Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

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\_\_\_\_\_ MATH17ACalculus for BioSci(4) NOCOMPARABLECOURSEMATH17BCalculus for Biosci(4) NOCOMPARABLECOURSEMATH17CCalculus for BioSci(4) NOCOMPARABLECOURSE \_\_\_\_\_ MATH 21D Vector Analysis (4) MATH 292 Analytic Geometry and (5) MATH 22B Differntl Equations (3) MATH 294 Differential Equations (5) MATH 25 Advanced Calculus (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ (1) NO COURSE ARTICULATED: College has not Lin Alg Comp Lab MATH 22AL submitted course(s) for articulation or equivalent basic knowledge of MATLAB. NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). \_\_\_\_\_ BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) MATH 194 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not MATH 67 submitted course(s) for articulation \_\_\_\_\_ ENG CS 30 Programming&Prob Solving (4) COMSC 110 Introduction to (4) Programming OR COMSC 165 Advanced Programming (4) with C and C++ OR COMSC 255 Programming with Java (4) OR ENGIN 135 Programming for (4) Scientists and Engineers As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented (4) Programming C++

As of F18, Course Number = ENG CS 36B

END OF MAJOR

====Mathematical Analytics and Operations Research B.S.==== Special Advising Note:

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

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

#### Recommended Language Preparation Note:

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

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#### \_\_\_\_\_\_ Or high school equivalent

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

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

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

MATH 21A	Calculus	(4)   MATH 192 Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4) MATH 193 Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4) MATH 292 Analytic Geometry and Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 292 Analytic Geometry and Calculus III	(5)
MATH 22B	Differntl Equations	(3) MATH 294 Differential Equations	(5)
MATH 25	Advanced Calculus	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulatic	
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 C	COURSES:	
MATH 22A	Linear Algebra	(3) MATH 1	194 Linear Algebra (	3)
	AND		AND	
MATH 108	Intro Abstract Math	(4) This c	course must be taken at UC Davi	S

MATH 67	Modern Linear Algebra	(4)		ARTICULATED: College has course(s) for articulati	
ENG CS 30	Programming&Prob Solvin	.g (4)		Introduction to Programming	(4)
			<u>OR</u>  COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>  COMSC 255   <b>OR</b>	Programming with Java	(4)
			ENGIN 135	Programming for Scientists and Engineers	(4)
As of F	718, Course Number = ENG CS	36A			
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 220	Principles of Macroeconomics	(3)
	STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science				
	TOR .				

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.

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# Special Advising Note for future applicants:\*

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

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

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

-Mathematics 21A/B/C/D

-Mathematics 22A or Mathematics 67 -Mathematics 22B

\*Information for future applicants is subject to change

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

GPA and other requirements to obtain a UC Davis TAG 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.

Or high school equivalent

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

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

<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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MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and (5)
MATH 21D	Vector Analysis	(4)	MATH 292	Calculus III Analytic Geometry and (5)
MATH 22B	Differntl Equations	(3)	MATH 294	Calculus III Differential Equations (5)
MATH 25	Advanced Calculus			ARTICULATED: College has not course(s) for articulation
MATH 22AL	Lin Alg Comp Lab			ARTICULATED: College has not course(s)for articulation

### or equivalent basic knowledge of MATLAB.

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

#### BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra <b>AND</b>	(3)	MATH ] 	194	Linear Algebra <b>AND</b>	(3)
MATH 108	Intro Abstract Math	(4)	This o	course	must be taken at UC Day	vis
	OR SELECT	THE F	OLLOWII	NG COU	RSE:	
MATH 67	Modern Linear Algebra	(4)	1		RTICULATED: College has ourse(s) for articulatio	
ENG CS 30	Programming&Prob Solving	g (4)	COMSC     OI		Introduction to Programming	(4)
			СОМSС     ОІ		Advanced Programming with C and C++	(4)
					Programming with Java	(4)
			ENGIN   	135	Programming for Scientists and Engineers	(4)
As of F	18, Course Number = ENG CS	36A				
ENGIN 6	OR Engr Prob Solving	(4)	  ENGIN   	136	<b>OR</b> Computer Programming for Engineers Using MATLAB	(4)

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

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

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END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 mathematics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

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

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

-Mathematics 21A/B/C/D -Mathematics 22A or Mathematics 67 -Mathematics 22B

\*Information for future applicants is subject to change

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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MATH 21A	Calculus	(4)   MATH 192	Analytic Geometry and	(5)
			Calculus I	
MATH 21B	Calculus	(4) MATH 193	Analytic Geometry and	(5)
			Calculus II	
		Or high gabool equivalent		

#### Or high school equivalent

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

MATH 25	Advanced Calculus		submitted	course(s) for articulation	
MATH 22AL	Lin Alg Comp Lab		NO COURSE		
	or equivalent basic kn	owle	1	course(s)for articulation	n
can learn	c knowledge of MATLAB is re it on their own, enroll in unit course Mathematics 22	quir Engi	ed for bot neering 6,	h MATH 67 and 22A. Studer Mechanical Engineering 5	
	BOTH OF THE	FOLL	OWING COUR	 SES:	
MATH 22A				Linear Algebra AND	(3)
MATH 108	Intro Abstract Math	(4)	This cour	se must be taken at UC Day	vis
	OR SELECT T	ים שעי	OLT.OWING C	OURSE .	
MATH 67	Modern Linear Algebra	(4)	NO COURSE		
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110		(4)
			OR	Programming	
			COMSC 165	Advanced Programming with C and C++	(4)
			<u>OR</u>  COMSC 255   <b>OR</b>	Programming with Java	(4)
			<u>OK</u>  ENGIN 135 	Programming for Scientists and Engineers	(4)
As of F	18, Course Number = ENG CS	36A	I	Engineers	
ENGIN 6	OR Engr Prob Solving	(4)	  ENGIN 136	for Engineers Using	(4)
				MATLAB	
may no upon t	e note that the community co ot be identical to UC Davis cransfer to UC Davis, may ne cencies.	cour ed t	ses. Comm o make up	unity college students,	
	PLAN 1: GENERAL M	ATHE	MATICS		
PHYSICS 97	A Classical Physics	(5)	PHYS 130   	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
	PLAN 2: MATHEMAT	ICS	FOR SECOND	ARY TEACHING	
PHYSICS 97	A Classical Physics	(5)	PHYS 130   	<u>A</u> Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
	OR			OR	
j) PHYSICS	G 7A General Physics	(4)	PHYS 120	<u>&amp;</u> General College Physics I	(4)
			PHYS 121	General College	(4)
	OR			Physics II OR	

1	MATH 144	Statway II	(4)
Same as: STATIST 13Y	OR		
	MATH 142 	Elementary Statistics with Probability	(4)
	OR		
	BUS 240	Business Statistics	(3)
OR		OR	
STATIST 32 Stat Anlys Thru Comp (4)	NO COMPARAB	LE COURSE	
As of F18, title = Gateway to Data Science	e		
END OF MAJOR			

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

#### ====Mechanical Engineering B.S.====

#### Special Advising Note:

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

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

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

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

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for details regarding <u>UC Davis TAG</u>.

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# General Education (GE) Note:

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

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

**AP and** IB examination credit policies are detailed in the UC Davis 2016-2018 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

# REQUIRED FOR ADMISSION:

a) MATH 21A	Calculus	(4)	MATH 	192	Analytic Geometry and Calculus I	(5)
a) MATH 21B	Calculus	(4)	MATH 	193	Analytic Geometry and Calculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 	292	Analytic Geometry and Calculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 	292	Analytic Geometry and Calculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH	194	Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH	294	Differential Equations	(5)
a) CHEM 2A	Genl Chemistry	(5)	CHEM	120	General College Chemistry I	(5)
a) CHEM 2B	Genl Chemistry	(5)	CHEM	120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM   	121	General College Chemistry II	(5)
a) PHYSICS 9A	Classical Physics	(5)	PHYS     	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
a) PHYSICS 9B	Classical Physics	(5)	PHYS   	230 <u>&amp;</u>	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
			PHYS     	231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYS   	230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
a) ENGIN 4	Graphics in Design	(3)	ENGIN   <u>(</u>	1 120 <u>)</u> DR	Engineering Drawing	(3)

			ENGIN   	121	Engineering Drawing/Descriptive Geometry	(3)
a) ENGIN 17	Circuits I	(4)	ENGIN	230	Introduction to Circuits and Devices	(4)
a) ENGIN 35	Statics	(4)	ENGIN	255	Statics	(3)
a) ENGIN 6	Engr Prob Solving OR	(4)	ENGIN   	136	Computer Programming for Engineers Using MATLAB <b>OR</b>	(4)
a) ENG CS 30	Programming&Prob Solving	(4)	COMSC		Introduction to Programming	(4)
			COMSC		Advanced Programming with C and C++	(4)
			COMSC	255	Programming with Java	(4)
			ENGIN   	135	Programming for Scientists and Engineers	(4)

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

### REQUIRED FOR GRADUATION:

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

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

a) COMUNCN 1	Intro Public Spkg OR	(4) COMM 120	Public Speaking (3) OR
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COMM 128	Interpersonal (3) Communication
a) ENGIN 45	Prop of Mats	(4) ENGIN 240 	Properties of (4) Engineering Materials
a) ENG MEC 50	Mfg Processes	(4)   NO COMPARAB	LE COURSE

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

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END OF MAJOR

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

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

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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 <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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

 $MEDIZ_ST 20\lambda \qquad Modioval Culture (5) NO COMDADATE COURSE$ 

	THREE COURSES	FROM THE FOLLOWING:
MEDV-ST 20B	Medieval Culture	(5)   NO COMPARABLE COURSE
MEDV-ST ZUA	Medieval Culture	(5) NO COMPARABLE COURSE

ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS 196 History of Medieval (3) and Renaissance Art
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197History of Baroque to (3)20th Century Art
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not
	Architecture		submitted course(s) for articulation
COMPLIT 2	Major Books-Middle Ages	(4)	ENGL 272 & Early World Literature (3)
	to Enlightenment		ENGL 273 Late World Literature (3)
COMPLIT 10A	Master Authors	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
COMPLIT 10E	8 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	(4)	ENGL 252 Early English (3)
	I: To 1700		Literature
GERMAN 48	Myth & Saga	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 4A	Western Civ	(4)	HIST 140 History of Western (3)
			Civilization to the
			Renaissance
HISTORY 4B	Western Civ	(4)	HIST 141 History of Western (3)
			Civilization since the
			Renaissance
HUMAN 1	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
human 9	Don Quixote	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 21	Phil: Ancient	(4)	PHILO 224 History of Western (3)
			Philosophy:
			Pre-Socratic to
			Medieval Period
	title = Phil Classics: Anc:		
PHILOS 22	Hist Phil: Early Modern	(4)	-
			Philosophy: Descartes
			to Present
As of F17,	title = Phil Classics: Mode	ern	

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

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END OF MAJOR

#### ====Microbiology A.B.====

#### Special Advising Note:

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

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

the major helps students move efficiently toward graduation and significantly reduces time to degree.

## REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Mathematics 17A/B/C <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 <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 2016-18 General Catalog . 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)	BIOS(   	2 130	Principles of (5) Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIOS( 	2 131	
BIOLSCI 2C	Biodiversity & the Tree of Life		İ		Principles of (5) Organismal Biology, Evolution and Ecology
CHEM 2A Ge	nl Chemistry	(5)	CHEM 	120	General College (5) Chemistry I
CHEM 2B Ge	nl Chemistry	(5)	CHEM	120	<u>&amp;</u> General College (5) Chemistry I
			CHEM	121	-
	ganic Chem-Brief				<b>3 1 1</b>
CULEN 110A	<b>OR</b> Org Chem, Hlth & Sci	(1)		226	<b>OR</b> Organic Chemistry I (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	226	<u>&amp;</u> Organic Chemistry I (5)
CHEM 118C	Org Chem, Hlth & Sci		CHEM   CHEM		
 МАТН 17А С	alculus for BioSci	(1)			
	alculus for Biosci OR		·		
MATH 21A C	alculus	(4)	MATH	192	Analytic Geometry and (5) Calculus I
МАТН 21В С	alculus	(4)	MATH	193	Analytic Geometry and (5) Calculus II

j) PHYSICS 1A	Principles Physics	(3)	PHYS 1 	120	General Physics		(4)
j) PHYSICS 1B	Principles Physics	(3)	PHYS 1 	121	General Physics	College	(4)
	OR		İ		OR	2	
j) PHYSICS 7A	General Physics	(4)	PHYS 1 	120 <u>&amp;</u>	General Physics	5	(4)
			PHYS 1 	121	General Physics	College	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 1 	120 <u>&amp;</u>	General Physics	5	(4)
			PHYS 1 	121	General Physics	5	(4)
j) PHYSICS 7C	General Physics	(4)	PHYS 1 	120 <u>&amp;</u>	General Physics	5	(4)
			PHYS 1 	121	General Physics	5	(4)

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

#### END OF MAJOR

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

#### ====Microbiology B.S.====

#### Special Advising Note:

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

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

### **REQUIREMENTS FOR ADMISSION:**

#### (for 2018-19)

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

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

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

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

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

	Biodiversity & the Tree of Life	2	 		Organismal Biology, Evolution and Ecology
CHEM 2A	Genl Chemistry	(5)	CHEM 	120	General College (5 Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM	120 <u>&amp;</u>	
			   CHEM 	121	Chemistry I General College (5 Chemistry II
CHEM 2C	Genl Chemistry	(5)	CHEM 	121	General College (5 Chemistry II
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief <b>OR</b>			226 227	
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM	226 226 <mark>&amp;</mark>	Organic Chemistry I (5 Organic Chemistry I (5
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM  CHEM	227 227	Organic Chemistry II (5 Organic Chemistry II (5
MATH 17A MATH 17B MATH 17C		(4)	NO CO	OMPARA	ABLE COURSE ABLE COURSE ABLE COURSE OR
MATH 21A		(4)	  MATH	192	Analytic Geometry and (5
MATH 21B	Calculus	(4)	  MATH   	193	Calculus I Analytic Geometry and (5 Calculus II
j) PHYSICS	7A General Physics	(4)	İ	_	General College (4 Physics I General College (4 Physics II
j) PHYSICS	7B General Physics	(4)	PHYS	120 <u>&amp;</u>	General College (4 Physics I
			PHYS 	121	
j) PHYSICS	7C General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College (4 Physics I
			PHYS	121	General College (4 Physics II
their comm series bef series may		valen who Lonal	t to t trans: phys:	the en fer wi ics co	tire UC Davis Physics 7A/B/ thout completing an entire purses upon arrival at UC
	ਸਤ	COMME	NDED:		
MATH 21C	Calculus	(4)		292	Analytic Geometry and (5 Calculus III
END OF MAJ	 OR				

j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will

receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

#### ====Middle East/South Asia Studies A.B.==== Special Advising Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not |submitted course(s) f HISTORY 8 Indian Civilization (4) NO COMPARABLE COURSE submitted course(s) for articulation \_\_\_\_\_ TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU: ARABIC 1 Elementary Arabic (5) ARABC 120 First Term Arabic (5) ARABIC 2 Elem Arabic ARABIC 3 Elem Arabic (5) ARABC 120 First Term Arabic (5) (5) ARABC 120 & First Term Arabic (5) ARABC 121 Second Term Arabic (5)

ARABIC 21 (5) ARABC 120 🛓 First Term Arabic Intermed Arabic (5)ARABC 121 Second Term Arabic (5) As of S17 units = 4ARABIC 22 Intermed Arabic (5) ARABC 121 Second Term Arabic (5) As of S17, units =4ARABIC 23 Intermed Arabic (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4OR OR HEBREW 1 Elem Hebrew (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HEBREW 2 Elem Hebrew (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation HEBREW 3 Elem Hebrew (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Intermediate Modern (5) NO COURSE ARTICULATED: College has not HEBREW 21 submitted course(s) for articulation Hebrew I As of F17, units = 4HEBREW 22 Intermediate Modern (5) NO COURSE ARTICULATED: College has not Hebrew II submitted course(s) for articulation As of F17, units = 4HEBREW 23 Intermediate Modern (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Hebrew III OR OR Elem Hindi/Urdu I (5) NO COURSE ARTICULATED: College has not HIN-URD 1 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 (5) NO COURSE ARTICULATED: College has not HIN-URD 21 Intermed Hindi/Urdu submitted course(s) for articulation As of F17, units = 4HIN-URD 22 Intermed Hindi/Urdu II (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4HIN-URD 23 Intermed Hindi/Urdu III (5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation As of F17, units = 4\_\_\_\_\_

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION. END OF MAJOR

#### ====Music A.B.====

#### Special Advising Note:

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

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

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

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

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

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

#### College Foreign Language Requirement Note:

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

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

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

available from our TAG website.

MUSIC 2A	Keyboard Competence	(2) MUSIC 250	Intermediate Piano I (1)
MUSIC 2B	Keyboard Competence	(2) MUSIC 250	Intermediate Piano I (1)
MUSIC 2C	Keyboard Competence	(2) MUSIC 250	Intermediate Piano I (1)

JSIC 250 Intermediate Piano I (1) USIC 250 Intermediate Piano I (1)

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

MUSIC 6A MUSIC 6B MUSIC 6C	Elementary Theory Elementary Theory Elementary Theory	<pre>(3) NO COMPARABLE COURSE (3) NO COMPARABLE COURSE (3) MUSIC 222 Theory and (4)</pre>
MUSIC 7A	Intermediate Theory	(3) MUSIC 223 Theory and (4) Musicianship IV
MUSIC 7B	Intermediate Theory	(3) MUSIC 223 Theory and (4) Musicianship IV
MUSIC 7C	Intermediate Theory	(3) MUSIC 223 Theory and (4) Musicianship IV
MUSIC 16A	Elem Musicianship	(2) NO COMPARABLE COURSE
MUSIC 16B	Elem Musicianship	(2) NO COMPARABLE COURSE
MUSIC 16C	Elem Musicianship	(2) NO COMPARABLE COURSE

MUSIC 17A	Intermediate	(2)	MUSIC	222	Theory and	(4)
	Musicianship				Musicianship III	
MUSIC 17B	Intermediate	(2)	MUSIC	223	Theory and	(4)
	Musicianship				Musicianship IV	
MUSIC 17C	Intermediate	(2)	MUSIC	223	Theory and	(4)
	Musicianship		ĺ		Musicianship IV	

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

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

MUSIC 24A	Intro Music History	(3) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MUSIC 24B	Intro Music History	(3) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MUSIC 24C	Intro Music History	(3) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

#### END OF MAJOR

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

#### Special Advising Note:

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

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

THROUGH EXAMINATION

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

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

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

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#### College Foreign Language Requirement Note:

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

N A STD 1	Intro NA Studies	(4) ANTHR 135 Native Americans (	(3)
n a std 10	NA Experience <b>OR</b>	(4) ANTHR 135 Native Americans ( OR	(3)
N A STD 12	Native Amer/Indigenous Film	(4) NO COURSE ARTICULATED: College has n submitted course(s)for articulation	not

#### ONE OR TWO COURSES FROM:

n a std 5	Intro NA Literature	(4)	ENGL 164	Native American	(3)
				Literatures	
n a std 12	Native Amer/Indigenous	(4)	NO COURSE	ARTICULATED: College h	las not
	Film		submitted	course(s) for articulat	ion
n a std 32	NA Music & Dance	(4)	MUSIC 116	Native American Mus	sic (3)
				of the Americas	
n a std 33	Intro NA Art	(4)	NO COMPARA	ABLE COURSE	
n a std 34	NA Art Workshop	(4)	NO COMPARA	ABLE COURSE	

#### ONE OR TWO COURSES FROM:

AF-AMST 12 AF-AMST 52 ANTHRO 2	Afr Tradit Relig	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE ANTHR 130 Cultural Anthropology (3)
As of W17, 1	units=5		
ANTHRO 20	Comparative Cultures	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	HIST 129 History of Asian and (3)
			Pacific Islanders in
			the United States
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	· · /	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues		NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not
	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	• •	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	• •	SOCIO 131 The Urban Community (3)
ENV S&P 10	Current Issues in	(3)	BIOSC 170 Environmental Science (3)
	Environment		OR (2)
			ENGIN 130 Energy, Society, and (3)
	10 not open for gradit to	a	the Environment ents who have completed ENV S&P 1
HISTORY 7A			
HISIORI /A	Latin America to 1700	(4)	HIST 135 History of Latin (3) America - The Colonial
			Period
HISTORY 7B	Latin America 1700-1900	(4)	
IIIOIOI(I /D		( 1)	America - The Colonial

			Language: An Introduction to Linguistics	
LINGUIS 1 Intro Linguistics	(4)	  ENGL 124	States before 1865 The Nature of	(3)
g) HISTORY 17A U.S. History	(4)	  HIST 120	Period History of the United	(3)
1900-Present	( )		America - The National	( - )
HISTORY 7C Latin America	(4)	  HIST 136	Period History of Latin	(3)
		HIST 136 	History of Latin America - The National	(3)
			Period	(2)

END OF MAJOR

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

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS: The Natural Sciences major is discontinued for new applicants effective the 2018-19 application cycle.

#### END OF MAJOR

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

#### Special Advising Note:

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

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

#### REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

It is also <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. \_\_\_\_\_

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

GPA 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. \_\_\_\_\_

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

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

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

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

BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSC 130   	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology	(5)
CHEM 2A	Genl Chemistry	(5) CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u>	General College	(5)

		  CHEM 121 	Chemistry I General College Chemistry II	(5)
CHEM 2C Genl Chemistry	(5)	İ	General College Chemistry II	(5)
			Organic Chemistry I	(5) (5)
CHEM 118A Org Chem, Hlth & Sci CHEM 118B Org Chem, Hlth & Sci	(4)			
CHEM 118C Org Chem, Hlth & Sci		1	Organic Chemistry II	
MATH 17A Calculus for BioSci MATH 17B Calculus for Biosci MATH 17C Calculus for BioSci OR	(4)	NO COMPARAB  NO COMPARAB  NO COMPARAB 	LE COURSE	
MATH 21A Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B Calculus	(4)	  MATH 193 	Analytic Geometry and Calculus II	(5)
j) PHYSICS 7A General Physics	(4)	PHYS 120 <u>&amp;</u>	General College Physics I	(4)
		PHYS 121 	General College Physics II	(4)
j) PHYSICS 7B General Physics	(4)	PHYS 120 <u>&amp;</u> 	General College Physics I	(4)
		PHYS 121 	General College Physics II	(4)
j) PHYSICS 7C General Physics	(4)	i –	Physics I	(4)
		İ	General College Physics II	(4)
It is highly recommended that student				

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

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

END OF MAJOR

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

====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.

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

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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website.

avallable I	TOM OUT TAG WEDSILE.			
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130 	Principles of (5 Cellular and Molecular Biology
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	  BIOSC 131 	Principles of (5 Organismal Biology, Evolution and Ecology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC 131	Principles of (5 Organismal Biology, Evolution and Ecology
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College (5 Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College (5 Chemistry I
			  CHEM 121 	General College (5 Chemistry II
CHEM 2C	Genl Chemistry	(5)	CHEM 121 	General College (5 Chemistry II
	Organic Chem-Brief Organic Chem-Brief <b>OR</b>		CHEM 226  CHEM 227 	
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	(4)	СНЕМ 226  СНЕМ 226 <u>&amp;</u>  СНЕМ 227	Organic Chemistry I (5 Organic Chemistry I (5 Organic Chemistry II (5 OR
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	(3)	CHEM 226 CHEM 226 <u>&amp;</u> CHEM 227	Organic Chemistry II (5
CHEM 129A	Organic Chem Lab	(2)	CHEM 226	Organic Chemistry I (5
NUTR 10	Discoveries and Concepts	(3)		Nutrition and Health: (3 Personal Applications
			<u>OR</u>  NUTRI 160 	Nutrition: Science (3 and Applications
 PSYCH 41	Research Methods OR	(4)	PSYCH 215   	Introduction to (3 Research Methods in Psychology OR
SOCIOL 46A		(4)	SOCIO 123	Introduction to (3 Social Research
The	remaining preparatory subje	ect i	matter is b	ased on which

major option you choose:

-	NUTRITION				
ANTHRO 2 As of W17,	Cultural Anthropology units=5	(4)	ANTHR 130	Cultural Anthropology	(3)
	OR			OR	
PSYCH 1		(4)	PSYCH 101 	Psychology	(3)
SOCIOL 1	OR Intro Sociology	(5)	  SOCIO 120 	OR Introduction to Sociology	(3)
	OR		İ	OR	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to Social Problems	(3)
			<u>OR</u>  socio 122 	Critical Thinking About Social and Cultural Issues	(3)
MATH 16A	Short Calculus	(3)		Calculus for Management, Life Science and Social Science I	(4)
	Short Calculus	(3)	MATH 183   	Calculus for Management, Life Science and Social Science II	(4)
	3 1A Principles Physics	(3)	PHYS 120		(4)
j) PHYSICS	3 1B Principles Physics	(3)	PHYS 121   	General College Physics II	(4)
ANTHRO 2	<b>NUTRITION II</b> Cultural Anthropology	N PUBL	PHYS 121   	General College Physics II 	
ANTHRO 2	<b>NUTRITION II</b> Cultural Anthropology	N PUBL	PHYS 121   	General College Physics II 	(4)  (3)
ANTHRO 2 As of W17,	NUTRITION IN Cultural Anthropology units=5 OR Intro Sociology	<b>N PUBL</b> (4)	PHYS 121   	General College Physics II  PTION: Cultural Anthropology OR Introduction to Sociology	
ANTHRO 2 As of W17, SOCIOL 1	NUTRITION IN Cultural Anthropology units=5 OR	<b>N PUBL</b> (4) (5)	PHYS 121    IC HEALTH OI  ANTHR 130 	General College Physics II  PTION: Cultural Anthropology OR Introduction to Sociology OR	(3)
ANTHRO 2 As of W17, SOCIOL 1 SOCIOL 3	NUTRITION II Cultural Anthropology units=5 OR Intro Sociology OR Social Problems	N PUBL. (4) (5) (4)	PHYS 121 	General College Physics II PTION: Cultural Anthropology OR Introduction to Sociology OR Introduction to Social Problems Critical Thinking About Social and Cultural Issues	(3) (3) (3) (3)
ANTHRO 2 As of W17, SOCIOL 1 SOCIOL 3 ECON 1A	NUTRITION II Cultural Anthropology units=5 OR Intro Sociology OR Social Problems Princ of Microecon	N PUBL. (4) (5) (4)	PHYS 121 	General College Physics II PTION: Cultural Anthropology OR Introduction to Sociology OR Introduction to Social Problems Critical Thinking About Social and Cultural Issues Principles of Microeconomics	(3) (3) (3) (3)
ANTHRO 2 As of W17, SOCIOL 1 SOCIOL 3 ECON 1A ECON 1B	NUTRITION IN Cultural Anthropology units=5 OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon	N PUBL: (4) (5) (4) (4) (4)	PHYS 121 IC HEALTH OI  ANTHR 130  SOCIO 120  SOCIO 121  SOCIO 122  SOCIO 122   ECON 221  ECON 220	General College Physics II PTION: Cultural Anthropology OR Introduction to Sociology OR Introduction to Social Problems Critical Thinking About Social and Cultural Issues Principles of Microeconomics Principles of	(3) (3) (3) (3)
ANTHRO 2 As of W17, SOCIOL 1 SOCIOL 3 ECON 1A ECON 1B	NUTRITION II Cultural Anthropology units=5 OR Intro Sociology OR Social Problems Princ of Microecon	N PUBL: (4) (5) (4) (4) (4)	PHYS 121 IC HEALTH OI ANTHR 130 SOCIO 120 SOCIO 121 SOCIO 122 COR SOCIO 122 ECON 221 ECON 220 PSYCH 101	General College Physics II 	(3) (3) (3) (3) (3) (3) (3)
ANTHRO 2 As of W17, SOCIOL 1 SOCIOL 3 ECON 1A ECON 1B PSYCH 1 LOWER-D	NUTRITION IN Cultural Anthropology units=5 OR Intro Sociology OR Social Problems Princ of Microecon Princ of Macroecon	N PUBL: (4) (5) (4) (4) (4) (4) (4) (4) 	PHYS 121 IC HEALTH OI ANTHR 130 SOCIO 120 SOCIO 121 SOCIO 121 COR SOCIO 122 ECON 221 ECON 220 PSYCH 101	General College Physics II PTION: Cultural Anthropology OR Introduction to Sociology OR Introduction to Social Problems Critical Thinking About Social and Cultural Issues Principles of Microeconomics Principles of Macroeconomics Introduction to Psychology	(3) (3) (3) (3) (3) (3) (3) (3)

AMR STD 55Food in Amer CultureSame as:FD S&T 55CM&RGDE 2Ethnicity Amer CommINT AG 10Intro Intl AgDevelopment	<ul> <li>(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation</li> <li>(4) SOCIO 131 The Urban Community (3)</li> <li>(4) NO COMPARABLE COURSE</li> </ul>
Natural and Applied Sciences Area:	
CM&RGDE 20 Food Systems	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 15 Intro to Bioethics	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SCI&SOC 2 Feeding the Planet	(3) NO COMPARABLE COURSE
SCI&SOC 15 Aids & Society Course discontinued as of F17 <b>END OF MAJOR</b>	(4) NO COMPARABLE COURSE

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

#### ====Pharmaceutical Chemistry B.S.====

#### Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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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#### Special Advising Note for future applicants:\*

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

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

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

-Chemistry 2A/B/C or Chemistry 2AH/BH/CH -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C -Mathematics 21A/B/C/D -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

-Physics 7A/B/C or Physics 9A/B/C -Biological Sciences 2A -Biological Sciences 2B or 2C -Statistics 13 or 32

\*Information for future applicants is subject to change

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

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 2016-18 <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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CHEM 2A	Genl Chemistry	(5) CHEM 120 General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u> General College (5) Chemistry I CHEM 121 General College (5) Chemistry II
CHEM 2C	Genl Chemistry OR	(5) CHEM 121 General College (5)   Chemistry II   <b>OR</b>
CHEM 2AH	Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not  submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
j) PHYSICS	G 7A General Physics	(4)   PHYS 120 $\underline{\boldsymbol{\varepsilon}}$ General College (4)

			  PHYS 121 	Physics I General College (4 Physics II	General	(4)
j) PHYSICS 7B	General Physics	(4)	PHYS 120 <u>8</u>    PHYS 121 	Physics I	Physics General	(4) (4)
j) PHYSICS 7C	General Physics	(4)	PHYS 120 <u>8</u>    PHYS 121 	Physics I	Physics General	(4) (4)

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

physics.	OR			OR	
PHYSICS 9A	Classical Physics	(5)	PHYS 130   	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	РНҮЅ 230 <u>&amp;</u> РНҮЅ 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS 230   	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	
 МАТН 16А	Short Calculus	(3)	MATH 182   	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
МАТН 16С	Short Calculus	(3)	MATH 183	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	• •	NO COMPARABI		
MATH 17B	Calculus for Biosci	• •	NO COMPARABI		
MATH 17C	Calculus for BioSci <b>OR</b>	(4)	NO COMPARABI	LE COURSE OR	
MATH 21A	Calculus	(4)	MATH 192	Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)
MATH 21C	Calculus	(4)		Analytic Geometry and Calculus III	
BIOLSCI 2A	Intro Biology:Life on	(5)			(5)

	Earth				Cellular and Molecular Biology	
BIOLSCI 2B	Intro Biology: Ecology & Evolution OR	(5)	BIOSC   	131	Principles of Organismal Biology, Evolution and Ecology <b>OR</b>	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC	131		(5)
	Elementary Statistics STATIST 13Y	(4)	MATH   <b>OR</b>		Statway II	(4)
			MATH     OR		Elementary Statistics with Probability	(4)
			BUS 2	40		(3)
	OR				OR	
QTATIQT 30	-	(4)		мрлг	-	
	Stat Anlys Thru Comp ttle = Gateway to Data Sc:			MPAF	-	
	Stat Anlys Thru Comp ttle = Gateway to Data Sc	ience			ABLE COURSE	(5)
As of F18, t	Stat Anlys Thru Comp	ience  (4)	е    СНЕМ	 226	ABLE COURSE Organic Chemistry I	(5)
As of F18, t  CHEM 118A CHEM 118B	Stat Anlys Thru Comp tle = Gateway to Data Sc Org Chem, Hlth & Sci Org Chem, Hlth & Sci	ience (4) (4)	   CHEM   CHEM   CHEM	 226 226 227	ABLE COURSE Organic Chemistry I <u>&amp;</u> Organic Chemistry I Organic Chemistry II	(5) (5)
As of F18, t  CHEM 118A	Stat Anlys Thru Comp tle = Gateway to Data Sc Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci	ience (4) (4)	   CHEM   CHEM   CHEM	 226 226 227	ABLE COURSE Organic Chemistry I <u>&amp;</u> Organic Chemistry I Organic Chemistry II Organic Chemistry II	(5)
As of F18, the second s	Stat Anlys Thru Comp tle = Gateway to Data Sc Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	ience (4) (4) (4)	CHEM  CHEM  CHEM  CHEM  CHEM	226 226 227 227	ABLE COURSE Organic Chemistry I <u>&amp;</u> Organic Chemistry I Organic Chemistry II Organic Chemistry II OR	(5) (5) (5)
As of F18, the second s	Stat Anlys Thru Comp ttle = Gateway to Data Sc: Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry	ience (4) (4) (4) (4)	   CHEM   CHEM   CHEM   CHEM   CHEM	 226 226 227 227 227	ABLE COURSE Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II OR Organic Chemistry I	(5) (5) (5)
As of F18, the second s	Stat Anlys Thru Comp tle = Gateway to Data Sc Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	ience (4) (4) (4) (4)	CHEM  CHEM  CHEM  CHEM  CHEM  CHEM  CHEM	226 226 227 227 227 226 226	CABLE COURSE         Organic Chemistry I         Organic Chemistry II         Organic Chemistry II         Organic Chemistry II         OR         Organic Chemistry I <u>OR</u> Organic Chemistry I <u>O</u> Organic Chemistry I <u>O</u> Organic Chemistry I	(5) (5) (5) (5) (5)
As of F18, the second s	Stat Anlys Thru Comp ttle = Gateway to Data Sc: Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry	(4) (4) (4) (4) (3) (3)	   CHEM   CHEM   CHEM   CHEM   CHEM	226 227 227 227 226 226 226 227	ABLE COURSE Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II OR Organic Chemistry I <u>&amp;</u> Organic Chemistry I Organic Chemistry II	(5) (5) (5)
As of F18, t CHEM 118A CHEM 118B CHEM 118C CHEM 128A CHEM 128B	Stat Anlys Thru Comp tile = Gateway to Data Sc Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry	<pre>(4) (4) (4) (4) (3) (3) (3)</pre>	CHEM  CHEM  CHEM  CHEM  CHEM  CHEM  CHEM	 226 227 227 227 226 226 227 227	ABLE COURSE Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II	(5) (5) (5) (5) (5) (5)
As of F18, th CHEM 118A CHEM 118B CHEM 118C CHEM 128A CHEM 128B CHEM 128C	Stat Anlys Thru Comp tle = Gateway to Data Sc: Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Organic Chemistry Organic Chemistry Organic Chemistry	<pre>(4) (4) (4) (4) (3) (3) (3) (2)</pre>	CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	226 227 227 227 226 226 227 227 227 226	ABLE COURSE Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry I	(5) (5) (5) (5) (5) (5) (5)
As of F18, tr 	Stat Anlys Thru Comp tle = Gateway to Data Sc: Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab	(4) (4) (4) (3) (3) (3) (2) (2)	CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	226 227 227 227 226 226 227 227 226 226	CABLE COURSE         Organic Chemistry I         Organic Chemistry II         Organic Chemistry II         Organic Chemistry II         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry II         Organic Chemistry II         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)
As of F18, tr 	Stat Anlys Thru Comp tle = Gateway to Data Sc: Org Chem, Hlth & Sci Org Chem, Hlth & Sci Org Chem, Hlth & Sci Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry Organic Chemistry	(4) (4) (4) (3) (3) (3) (2) (2)	CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	226 227 227 227 226 226 227 227 226 226	CABLE COURSE         Organic Chemistry I         Organic Chemistry II         Organic Chemistry II         Organic Chemistry II         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry II         Organic Chemistry II         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I         Organic Chemistry I	(5) (5) (5) (5) (5) (5) (5) (5) (5)

END OF MAJOR

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

#### ====Philosophy A.B.====

#### Special Advising Note:

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

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

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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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### GENERAL EMPHASIS:

PHILOS 12	Intro to Symbol Logic	(4) PHILO 170	Symbolic Logic	(3)

#### AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

#### a. GENERAL PHILOSOPHY

q) PHILOS 1 r)	Intro to Philos	(4) PHILO 120     <b>OR</b>	Introduction to Philosophy	(3)
		PHILO 224	History of Western Philosophy: Pre-Socratic to Medieval Period	(3)
		<u>OR</u>  PHILO 225   	History of Western Philosophy: Descartes to Present	(3)

#### b. ANCIENT PHILOSOPHY

PHILOS 21	Phil: Ancie	ent	(4)	PHILO	224	History of Western	(3)
			ĺ			Philosophy:	
						Pre-Socratic to	
			ĺ			Medieval Period	
As of F17, t	itle = Phil	Classics:	Ancient				

c. EARLY MODERN PHILOSOPHY

PHILOS 22	Hist Phil:	Early Modern	(4) PHILO 22	25 History of Western	(3)
				Philosophy: Descart	es
				to Present	
As of F17, t	itle = Phil	Classics: Mod	ern		

#### d. PHILOSOPHY OF MIND

PHILOS 13G	Minds, Brains Comp	(4) NO COURSE ARTICULATED:College has not
	w/Disc	submitted course(s)for articulation

#### e. ETHICS:

PHILOS 14	Eth Soc Prob in Soc	(4) NO COMPARABLE COURSE
	OR	OR
PHILOS 15	Intro to Bioethics	(4) NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
	OR	OR
PHILOS 24	Intro to Ethics	(4) PHILO 122 Introduction to (3)
		Ethics

#### f. PHILOSOPHY OF SCIENCE

PHILOS 30	Intro Philos of Sci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
PHILOS 31	Scientific Reason	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
PHILOS 32	Scientific Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
PHILOS 38	Intro Philos of Biol	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	g. <b>PHILOSO</b>	PHY (	OF LANGUAGE
PHILOS 17	Language, Thought &	(4)	NO COURSE ARTICULATED: College has not
	World		submitted course(s) for articulation
	PRE-	LAW	EMPHASIS
	ONE COURSE FR	OM TI	HE FOLLOWING:
DUTIOC 11	Eth Coa Drob in Coa	$(\Lambda)$	NO COMDADADIE COUDCE

PHILOS 14	Eth Soc Prob in Soc	(4)	NO COMPARAB	LE COURSE	
PHILOS 15	Intro to Bioethics	(4)	NO COURSE A	RTICULATED: College has	s not
			submitted c	ourse(s) for articulat	ion
PHILOS 16	Phil Foundations of Amer	(4)	NO COURSE A	RTICULATED: College has	s not
	Democ		submitted c	ourse(s)for articulation	on
	ALL OF THE F	OLLO	WING COURSES	:	
PHILOS 5	Critical Reasoning	(4)	PHILO 130	Logic and Critical	(3)
				Thinking	
			OR		
			ENGL 126	Critical Thinking:	(3)
				The Shaping of	
				Meaning in Language	
PHILOS 12	Intro to Symbol Logic	(4)	PHILO 170	Symbolic Logic	(3)
PHILOS 24	Intro to Ethics	(4)	PHILO 122	Introduction to	(3)
				Ethics	

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4)	PHILO 122 	Introduction to Ethics	(3)
PHILOS 30	Intro Philos of Sci	(4)		ARTICULATED: College has course(s) for articulat:	
PHILOS 31	Scientific Reason	(4)	NO COURSE	ARTICULATED: College has course(s) for articulat:	s not
PHILOS 32	Scientific Change	(4)	NO COURSE	ARTICULATED: College has course(s) for articulat:	s not
ALL OF THE FOLLOWING COURSES:					
	ALL OF THE	FOLLO	WING COURS	 Es:	
PHILOS 12	ALL OF THE Intro to Symbol Logic			ES: Symbolic Logic	(3)
PHILOS 12 PHILOS 15		(4)	PHILO 170  NO COURSE		s not
	Intro to Symbol Logic	(4) (4)	PHILO 170 NO COURSE submitted	Symbolic Logic ARTICULATED: College has	s not ion s not

#### END OF MAJOR

- q) Students who complete PHIL 224 at Diablo Valley College will receive credit for PHILOS 1 OR PHILOS 21 at UC Davis through the 16-17 academic year. As of Fall 2017, students will receive credit for PHILOS 21.
- r) Students who complete PHILO 225 at Diablo Valley College will receive credit for PHILOS 1 or PHILOS 22 at UC Davis through the 16-17 academic year. As of Fall 2017, students will receive credit for PHILOS 22.

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents). -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE -Mathematics 21A/B/C/D -Mathematics 22A/B

\*Information for future applicants is subject to change

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

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

	Physics
OR	OR
PHYSICS 9HA Honors Physics	(5) NO COMPARABLE COURSE
PHYSICS 9HB Honors Physics	(5) NO COMPARABLE COURSE
PHYSICS 9HC Honors Physics	(5) NO COMPARABLE COURSE
PHYSICS 9HD Honors Physics	(5) NO COMPARABLE COURSE
PHYSICS 9HE Honors Physics	(5) NO COMPARABLE COURSE
MATH 21A Calculus	(4)   MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B Calculus	(4) MATH 193 Analytic Geometry and (5) Calculus II
MATH 21C Calculus	(4) MATH 292 Analytic Geometry and (5) Calculus III
MATH 21D Vector Analysis	(4) MATH 292 Analytic Geometry and (5) Calculus III
MATH 22A Linear Algebra	(3) MATH 194 Linear Algebra (3)
MATH 22B Differntl Equations	(3) MATH 294 Differential Equations (5)
PHYSICS 80 Experimental Techniques	(4)

END OF MAJOR

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

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents). -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE -Mathematics 21A/B/C/D -Mathematics 22A/B

\*Information for future applicants is subject to change

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

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

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

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

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

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AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{\text{General Catalog}}$ . Quick reference charts for  $\underline{\text{AP}}$  and  $\underline{\text{IB}}$  are also available from our TAG website.

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

and Electro-Magnetism PHYSICS 9D Modern Physics (4) PHYS 231 Physics for Engineers (4) and Scientists C: Optics and Modern Physics OR OR PHYSICS 9HA Honors Physics PHYSICS 9HB Honors Physics PHYSICS 9HC Honors Physics PHYSICS 9HD Honors Physics PHYSICS 9HE Honors Physics (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE (5) NO COMPARABLE COURSE -----------MATH 21A Calculus (4) | MATH 192 Analytic Geometry and (5)

				Calculus I	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)
				Calculus II	
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and	(5)
				Calculus III	
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and	(5)
				Calculus III	
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH 294	Differential Equations	(5)
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to	(4)
				Programming	
			OR		
			COMSC 165	Advanced Programming	(4)
				with C and C++	
			OR		
			COMSC 255	Programming with Java	(4)
			OR		
			ENGIN 135	Programming for	(4)
				Scientists and	
				Engineers	
Ag of F1	8, Course Number = ENG CS 3	36A			

Or equivalent programming course

PHYSICS 80 Experimental Techniques (4)

#### HIGHLY RECOMMENDED

#### ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophyics Emphasis is the same as that listed above. In addition, the following courses are RECOMMENDED:

ASTRON 25	Intro to Modern Astronomy & Astrophy	(4) ASTRO 120 	Elementary Astronomy	(3)
	Sftwr/Obj-Orien:C++	(4)   COMSC 200   <b>36B</b>	Object Oriented Programming C++	(4)

END OF MAJOR

#### ====Plant Biology A.B.====

#### Special Advising Note:

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

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

#### (for 2018-19)

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

Mathematics 17A/B/C <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 <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 2016-18 General Catalog . 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)	BIOSC   	2 130	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC	2 131	Principles of Organismal Biology, Evolution and Ecology	(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC	2 131		(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 	120	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	ĺ	120 <u>&amp;</u>	General College Chemistry I	(5)
			CHEM 	121	General College Chemistry II	(5)
	Organic Chem-Brief Organic Chem-Brief	. ,	-	226 227	Organic Chemistry I Organic Chemistry II	(5) (5)
	Elementary Statistics STATIST 13Y	(4)	   MATH   <b>OR</b>		Statway II	(4)
			MATH	142	Elementary Statistics with Probability	(4)
			<u>Or</u>  BUS 2	-	Business Statistics	(3)

#### **RECOMMENDED COURSES:**

CHEM 2C	Genl Chemistry	General College Chemistry II	(5)
END OF MAJ	 IOR	 	

#### Special Advising Note:

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

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

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

#### (for 2018-19)

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

Mathematics 17A/B/C <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 2016-18 <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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18  $\underline{General \ Catalog}$ . Quick reference charts for  $\underline{AP}$  and  $\underline{IB}$  are also available from our TAG website.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130 	Principles of Cellular and Molecular Biology	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131		(5)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		İ İ		(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u>	General College Chemistry I	(5)
			  CHEM 121 	General College Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 121 	General College Chemistry II	(5)
СНЕМ 82	Organic Chem-Brief	(2)	CHEM 226	Organic Chemistry I	(5)
	Organic Chem-Brief OR		CHEM 227	Organic Chemistry II OR	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 226	Organic Chemistry I	(5)
	Org Chem, Hlth & Sci				(5)
			CHEM 227	Organic Chemistry II	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)
 МАТН 17А	Calculus for BioSci	(4)	NO COMPARAB	LE COURSE	
MATH 17B			NO COMPARAB		
MATH 17C	Calculus for BioSci <b>OR</b>	(4)	NO COMPARAB	LE COURSE OR	
MATH 21A	-	(4)		Analytic Geometry and Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and	(5)

					Calculus II	
j) PHYSICS 7A	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College (4 Physics I	4)
			PHYS	121	General College (4 Physics II	4)
j) PHYSICS 7B	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College (4 Physics I	4)
			PHYS 	121	General College (4 Physics II	4)
j) PHYSICS 7C	General Physics	(4)	PHYS 	120 <u>&amp;</u>	General College (4 Physics I	4)
			PHYS	121	General College (4 Physics II	4)
It is highly real	commended that studer	nts cor	mplete	e an e	ntire physics series at	

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.

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#### **RECOMMENDED COURSES:**

BIOLSCI 20Q	Modeling in Biology	(2)	NO C	COURSE	ARTICULATED: College has not
			subm	nitted	course(s) for articulation
MATH 21C	Calculus	(4)	MATH	1 292	Analytic Geometry and (5)
					Calculus III

END OF MAJOR

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

#### ====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.

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

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

Evolution and Ecology -----------PL SCI 2 Bot Physio Cul Plt (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ (5) CHEM 120 General College (5) Chemistry I CHEM 2A Genl Chemistry (5) CHEM 120 & General College (5) CHEM 2B Genl Chemistry 1 Chemistry I CHEM 121 General College (5) Chemistry II (5)|CHEM 121 CHEM 2C Genl Chemistry General College (5) Chemistry II \_\_\_\_\_ CHEM 8AOrganic Chem-Brief(2) CHEM 226Organic Chemistry I(5)CHEM 8BOrganic Chem-Brief(4) CHEM 227Organic Chemistry II(5) OR OR CHEM 118A Org Chem, Hlth & Sci (4) CHEM 226 Organic Chemistry I (5) CHEM 118B Org Chem, Hlth & Sci (4) CHEM 226 & Organic Chemistry I (5) CHEM 118COrg Chem, Hlth & SciCHEM 227Organic Chemistry II(5)CHEM 118COrg Chem, Hlth & Sci(4)CHEM 227Organic Chemistry II(5) MATH 16A Short Calculus (3) MATH 182 Calculus for (4) Management, Life Science and Social Science I MATH 16B Short Calculus (3) | MATH 183 Calculus for (4) Management, Life Science and Social Science II OR OR MATH 17ACalculus for BioSci(4) NONOCOMPARABLECOURSEMATH 17BCalculus for Biosci(4) NOCOMPARABLECOURSE \_\_\_\_\_ j) PHYSICS 1A Principles Physics (3) PHYS 120 General College (4) j) PHYSICS 1B Principles Physics (3) PHYS 121 General College Physics II (4) OR OR j) PHYSICS 7A General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7B General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II j) PHYSICS 7C General Physics (4)|PHYS 120 <u>&</u> General College (4) Physics I PHYS 121 General College (4) Physics II

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

\_\_\_\_\_ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE \_\_\_\_\_ COURSES FOR THE CROP PRODUCTION OPTION: ECON 1A Princ of Microecon (4) ECON 221 Principles of (3) Microeconomics OR OR AGRESEC 15 Pop, Envr, World Agri (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ RECOMMENDED COURSES FOR THE MAJOR: ABIOSYT 49 Fld Equip Oper (2) NO COMPARABLE COURSE OR OR PL SCI 49 Org Crop Prod Prac (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation \_\_\_\_\_ END OF MAJOR

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

#### ====Political Science - Public Service A.B.==== Special Advising Note:

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

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

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. \_\_\_\_\_ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ (4)|POLSC 121 Introduction to | United States | Government POL SCI 1 Amer Natl Govt (3) \_\_\_\_\_ TWO COURSES FROM THE FOLLOWING: POL SCI 2 Intro Comp Politics (4) POLSC 120 Introduction to (3) Politics ORPOL SCI 3Internatl Relations(4)POLSC 250International(3) Relations (4) POLSC 240 Political Theory (3) POL SCI 4 Bas Cnpt/Pol Thry POL SCI 5 Probs/Am Pol Sys (4) SOCSC 111 Money, Power and (3) Politics in the United States POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE \_\_\_\_\_ POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Politics \_\_\_\_\_ STATIST 13 Elementary Statistics (4) | MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3)

#### END OF MAJOR

#### ====Political Science A.B.====

#### Special Advising Note:

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

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

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

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

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

#### AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

	THREE COURSES FRO	M THE I	FOLLOWING:		
POL SCI 1	Amer Natl Govt	(4)	POLSC 121	Introduction to	(3)
				United States	
				Government	
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to	(3)
				Politics	
			OR		
			POLSC 220	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 250	International	(3)
				Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
ONE COURSE FROM THE FOLLOWING:					

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

POL SCI 1	Amer Natl Govt	(4)	POLSC 121   	Introduction to United States Government	(3)
POL SCI 2	Intro Comp Politics	(4)	POLSC 120	Introduction to Politics	(3)
			OR		
			POLSC 220	Comparative Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLSC 250	International	(3)
			ĺ	Relations	
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory	(3)
POL SCI 5	Probs/Am Pol Sys	(4)	SOCSC 111	Money, Power and	(3)
			ĺ	Politics in the	
				United States	
POL SCI 7	Law & Politics	(4)	NO COMPARA	ABLE COURSE	
POL SCI 11A	America Decides	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulatio	n
POL SCI 11B	Citizen Lawmaking	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulatio	n
POL SCI 11C	Politics & Film	(4)	NO COURSE	ARTICULATED: College has	not
			submitted	course(s) for articulatio	n

POL SCI 11D Political Persuasion (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 12B Climate Chg & Politics (4) \_\_\_\_\_ POL SCI 51 Scientific Study of (4) NO COURSE ARTICULATED: College has not Politics submitted course(s) for articulation \_\_\_\_\_ STATIST 13 Elementary Statistics (4) | MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) OR OR STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science END OF MAJOR

====Psychology A.B.====

Special Advising Note:

### **REQUIREMENTS FOR ADMISSION:** (for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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.

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

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

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

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

#### College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PSYCH 1	General Psychology	(4) PSYCH 101		(3)
			Psychology	
PSYCH 41	Research Methods	(4) PSYCH 215	5 Introduction to	(3)
			Research Methods i	n
			Psychology	

STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 144   <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>  BUS 240	Business Statistics	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130   	Principles of Cellular and Molecular Biology	(5)

#### OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4) BIOSC 101 	Fundamentals of Biological Science	(3)
		OR		
		BIOSC 102   	Fundamentals of Biological Science with Laboratory	(4)

#### AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTHR 140 <u>&amp;</u> Biological Anthropology	(3)
		ANTHR 141L Biological Anthropology	(1)
		Laboratory	
	OR	OR	
MOL&CB 10	Intro Human Heredity	(4) NO COMPARABLE COURSE	
	OR	OR	
NE PH B 10 END OF MAJOR	Elem Human Physio	(3) BIOSC 140 Human Physiology	(5)

#### ====Psychology B.S. (Biological)====

Special Advising Note:

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

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A,

<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.

\*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:

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

available from our TAG website. \_\_\_\_\_ PSYCH 1 General Psychology (4) PSYCH 101 Introduction to (3) Psychology PSYCH 41Research Methods(4)PSYCH 215Introduction to(3)Research Methods in Psychology \_\_\_\_\_ \_\_\_\_\_ STATIST 13 Elementary Statistics (4) | MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability | OR BUS 240 Business Statistics (3) \_\_\_\_\_ (3) | MATH 182 Calculus for MATH 16A Short Calculus (4) Management, Life Science and Social Science I MATH 16B Short Calculus (3) MATH 183 Calculus for (4) Management, Life Science and Social Science II OR OR MATH 17A Calculus for BioSci (4) NO COMPARABLE COURSE MATH 17B Calculus for Biosci (4) NO COMPARABLE COURSE OR OR (4) MATH 192 Analytic Geometry and (5) Calculus I MATH 21A Calculus (4) MATH 193 Analytic Geometry and (5) Calculus II MATH 21B Calculus \_\_\_\_\_ PHYSICS 10 Topics, Nonscientists (4) PHYS 110 Elementary Physics (3) OR OR PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR OR j) PHYSICS 7A General Physics (4)|PHYS 120 <u>&</u> General College (4) Physics I PHYS 121 General College Physics II (4) j) PHYSICS 7B General Physics (4) PHYS 120 & General College (4) Physics I PHYS 121 General College (4) Physics II It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics. \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of Earth Cellular and (5) Earth Cellular and Molecular Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of (5) & Evolution Organismal Biology, Evolution and Ecology BIOLSCI 2C Intro Biology: (5) BIOSC 131 Principles of (5) Biodiversity & the Tree of Life Evolution and Ecology

CHEM 2A	Genl Chemistry	(5) CHEM 120 General Colleg Chemistry I	e (5)
CHEM 2B	Genl Chemistry	(5) CHEM 120 <u>&amp;</u> General Colleg Chemistry I	e (5)
		CHEM 121 General Colleg Chemistry II	e (5)
CHEM 8A	Organic Chem-Brief	(2) CHEM 226 Organic Chemis	try I $(5)$
CHEM 8B	Organic Chem-Brief OR	(4) CHEM 227 Organic Chemis OR	try II (5)
CHEM 118A	Org Chem, Hlth & Sci	(4) CHEM 226 Organic Chemis	try I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 226 & Organic Chemis	try I (5)
		CHEM 227 Organic Chemis	try II (5)
	OR	OR	
CHEM 128A	Organic Chemistry	(3) CHEM 226 Organic Chemis	try I (5)
CHEM 128B	Organic Chemistry	(3) CHEM 226 & Organic Chemis	try I (5)
		CHEM 227 Organic Chemis	try II (5)

END OF MAJOR

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

====Psychology B.S. (Quantitative)====

Special Advising Note:

## REQUIREMENTS FOR ADMISSION: (for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A <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 and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

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

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

available from our TAG website.

PSYCH 1 General Psychology	(4) PSYCH 101 	Introduction to Psychology	(3)
PSYCH 41 Research Methods	(4) PSYCH 215	Introduction to Research Methods in Psychology	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)   MATH 144   <b>OR</b>	Statway II	(4)
	MATH 142	Elementary Statistics with Probability	(4)
	<u>OR</u>  BUS 240	Business Statistics	(3)

MATH 21A	Calculus	(4)	MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4)	MATH 193 Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4)	Calculus IIMATH 292Analytic Geometry and (5)Calculus III
ENG CS 30	Programming&Prob Solving	g (4)	Programming
			OR       COMSC 165     Advanced Programming (4)       with C and C++
			OR       COMSC 255     Programming with Java (4)       OR
			ENGIN 135 Programming for (4) Scientists and Engineers
As of F	18, Course Number = ENG CS	36A	
ENG CS 10	<b>OR</b> Intro to Programming	(4)	OR NO COMPARABLE COURSE
			e's computer science courses
may no upon t	t be identical to UC Davis	cour	ses. Community college students, o make up any topic or language
 Снем 10	Concept of Chem	(4)	CHEM 106 Chemistry for (4)
	OR	(	Non-Science Majors OR
CHEM 2A	Genl Chemistry	(5)	CHEM 120General College(5)Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u> General College (5) Chemistry I
			CHEM 121 General College (5)
	OR		Chemistry II OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
СНЕМ 2ВН	Honors Genl Chemistry	(5)	<pre>submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation</pre>
PHYSICS 10	Topics,Nonscientists OR	(4)	PHYS 110 Elementary Physics (3) OR
PHYSICS 10		(3)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s)for articulation   OR
j) PHYSICS	7A General Physics	(4)	PHYS 120 <u>&amp;</u> General College (4) Physics I
			PHYSICS IPHYS 121General CollegePhysics II
j) PHYSICS	7B General Physics	(4)	PHYS 120 <u>&amp;</u> General College (4)

PHYSICS 7B General Physics (4) PHYS 120 <u>&</u> General College (4) Physics I PHYS 121 General College (4) Physics II

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C

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

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

# OR A COMBINATION OF

BIOLSCI 10 Everyday Biology (4) BIOSC 101 Fundamentals of (3) Biological Science BIOSC 102 Fundamentals of (4) Biological Science with Laboratory

#### AND ONE COURSE FROM

ANTHRO 1 H	Human Evol Biol	(4) ANTHR 140 <u>&amp;</u> Biological Anthropology	(3)
		ANTHR 141L Biological Anthropology Laboratory	(1)
	OR	OR	
MOL&CB 10	Intro Human Heredity	(4) NO COMPARABLE COURSE	
	OR	OR	
NE PH B 10 <b>END OF MAJOR</b>	Elem Human Physio	(3) BIOSC 140 Human Physiology	(5)

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

### ====Religious Studies A.B.====

#### Special Advising Note:

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

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

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### Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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### College 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

<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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

#### ONE COURSE FROM THE FOLLOWING:

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REL	STD	1	Survey of Religion	(4)	PHILO 220	Comparative Religion (3)
REL	STD	1A	Pilgrimage	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1B	Death and Afterlife	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1C	Sacrifice	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1D	Conversion	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1E	Fundamentalism	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1F	Religion Today	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s) for articulation
REL	STD	1G	Myth Ritual Symbol	(4)	ANTHR 120	Magic, Witchcraft, (3)
						and Religion in the
						Americas
REL	STD	1H	Sex, Marriage, Divorce	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s)for articulation
REL	STD	1J	Music, Voice, Word	(4)	NO COURSE	ARTICULATED: College has not
					submitted	course(s)for articulation
			FOUR COURSES FI	ROM	THE FOLLOW	ING:
REL	STD	10	Contemporary Ethical	(2)		ARTICULATED: College has not
			Issues		submitted	course(s) for articulation
REL	STD	10A	Contemporary Ethical	(2)		ARTICULATED: College has not
			Issues			course(s) for articulation
REL	STD	11	Ethical Eating	(4)		ARTICULATED:College has not
						course(s)for articulation
REL	STD	12	Emergence Abrahamic	(4)		ARTICULATED:College has not
			Religions		1	course(s)for articulation
	STD		Hebrew Scriptures	(4)	NO COMPARA	ABLE COURSE
			tle = The Bible			
REL	STD	23	Intro Judaism	(4)	NO COMPARA	ABLE COURSE
REL	STD	30	South Asian Religions	(4)	1	ARTICULATED: College has not
						course(s) for articulation
REL	STD	40	New Testament	(4)	NO COMPARA	ABLE COURSE

REL	STD	42	Religion and Sci Fiction	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL	STD	45	Christianity	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL	STD	60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL	STD	65C	The Qur'an and Its Interpretation	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL	STD	67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
REL	STD	68	Hinduism	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL	STD	69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
REL	STD	70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
REL	STD	75	Introduction to Chinese Philosophy	(4)	NO COMPARABLE COURSE
REL	STD	80	Religion, Gender, Sex	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

#### **RECOMMENDED:**

A reading knowledge of a foreign language is highly recommended. END OF MAJOR

====Russian A.B.====

### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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. Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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)	RUSS 120	First Term Russian	(5)
RUSSIAN 2	Elementary Russian	(5)	RUSS 121	Second Term Russian	(5)
RUSSIAN 3	Elementary Russian	(5)	RUSS 220	Third Term Russian	(5)
RUSSIAN 4	Intermed Russian	(4)	RUSS 221	Fourth Term Russian	(5)
RUSSIAN 5	Intermed Russian	(4)	NO COMPARA	BLE COURSE	
RUSSIAN 6	Intermed Russian	(4)	NO COMPARA	BLE COURSE	
END OF MAJOR					

====Science & Technology Studies A.B.====

#### Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. \_\_\_\_\_ SCI&TEC 1Intro Sci & Tech Std(4) | NO COMPARABLE COURSESCI&TEC 20Sci & Tec Std Methods(4) | NO COMPARABLE COURSE \_\_\_\_\_ 8 QUARTER UNITS FROM THE FOLLOWING: AMR STD 1A Science and American (4) NO COMPARABLE COURSE AMR STD 5 Tech in Amr Lives (4) NO COMPARABLE COURSE ENV S&P 1 Env Analysis (4) NO COMPARABLE COURSE HUMAN 3 Medicine company HUMAN 3 Medicine & Humanities (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation Intro Philos of Sci (4) NO COURSE ARTICULATED: College has not PHILOS 30 submitted course(s) for articulation (4) NO COURSE ARTICULATED: College has not Scientific Reason PHILOS 31 submitted course(s) for articulation Scientific Change PHILOS 32 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation SCI&SOC 1 Critical Inquiry into (4) NO COMPARABLE COURSE Contemporary Issues SCI&SOC 2Feeding the Planet(3)NOCOMPARABLECOURSESCI&SOC 3Sci,Tech&Society(4)NOCOMPARABLECOURSESCI&SOC 5Discovery:Sci & Soc(3)NOCOMPARABLECOURSESCI&TEC 32Drugs, Science and(4)NOCOMPARABLECOURSE Culture Same as: ANTHRO 32 \_\_\_\_\_ 8 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on http://catalog.ucdavis.edu/programs/STS/STSreqt.html

END OF MAJOR

====Sociology A.B.====

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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. Preparing well for the major helps students move 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 2016-18 <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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SOCIOL 1	Intro Sociology	(5)	SOCIO 120 	Introduction to Sociology	(3)	
SOCIOL 46A	Intro Social Rsch	(4)	SOCIO 123 	Social Research	(3)	
COCTOT ACD	AND	( = )		AND		
SUCIUL 40B	Intro Social Rsch	(5)	INO COMPARABL	E COURSE		
	ONE COURSE FROM THE FOLLOWING:					
SOCIOL 2	Self and Society	(4)	PSYCH 225	Social Psychology	(3)	
SOCIOL 3	Social Problems	(4)	SOCIO 121	Introduction to	(3)	
				Social Problems		
			OR			
			SOCIO 122	2	(3)	
				About Social and		
a.a.a.a.a. 1				Cultural Issues		
SOCIOL 4		. ,	NO COMPARABL			
SOCIOL 5	5	• •	NO COMPARABL			
SOCIOL 11	Sociology of Labor and	(4)		-		
	Employment			urse(s) for articulatio		
SOCIOL 25	Popular Culture	(4)	SOCSC 123	American Popular	(3)	
		(2)		Culture		
	Multicultural Societies					
SOCIOL 30B	Multicultural Societies	(3)	INO COMPARABL	E COURSE		

# ONE COURSE FROM THE FOLLOWING:

\_\_\_\_\_

As of W17, units=5	(4) ANTHR 130 Cultural Anthropology (3)	
OR CR		
ANTHRO 20 Comparative Cultures	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
ONE COURSE FR	OM THE FOLLOWING:	
HISTORY 4A Western Civ	(4)  HIST 140 History of Western (3)   Civilization to the Renaissance	
HISTORY 4B Western Civ	(4) HIST 141 History of Western (3) Civilization since the Renaissance	
HISTORY 4C Western Civ	(4) HIST 141 History of Western (3) Civilization since the Renaissance	
HISTORY 6 Intro to Middle East	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
HISTORY 7A Latin America to 1700	(4)  HIST 135 History of Latin (3) America - The Colonial Period	
HISTORY 7B Latin America 1700-1900	(4) HIST 135 <u>&amp;</u> History of Latin (3) America - The Colonial Period	
	HIST 136 History of Latin (3) America - The National Period	
HISTORY 7C Latin America 1900-Present	(4) HIST 136 History of Latin (3) America - The National Period	
HISTORY 8 Indian Civilization c) HISTORY 9A East Asian Civ	<pre>(4)  NO COMPARABLE COURSE (4)  HIST 150 History of East Asia (3)</pre>	
	<u>OR</u>  HIST 151 History of East Asia (3)   (from 1600 - Present)	
c) HISTORY 9B East Asian Civ	(4) HIST 150 History of East Asia (3) (to 1600) OR	
	HIST 151 History of East Asia (3) (from 1600 - Present)	
HISTORY 10C World History III	(4)  HIST 181 World History since (3)   1500	
HISTORY 15 Intro African Hist Course discontinued as of S18	(4) NO COMPARABLE COURSE	
g) HISTORY 17A U.S. History	(4)  HIST 120 History of the United (3)   States before 1865	
g) HISTORY 17B U.S. History	(4) HIST 121 History of the United (3) States after 1865	
ONE COURSE FR	OM THE FOLLOWING:	
PHILOS 5 Critical Reasoning	(4) PHILO 130 Logic and Critical (3) Thinking	
DUILOG 14 Eth Gog Drob in Gog	ENGL 126 Critical Thinking: (3) The Shaping of Meaning in Language	
PHILOS 14 Eth Soc Prob in Soc PHILOS 24 Intro to Ethics	<pre>(4)  NO COMPARABLE COURSE (4)  PHILO 122 Introduction to (3)</pre>	

#### END OF MAJOR

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

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

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

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

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

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

SOCIOL 1 Intro Sociology

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Sociology -----\_\_\_\_\_ SOCIOL 5 Global Soc Change (4) NO COMPARABLE COURSE \_\_\_\_\_ SOCIOL 46A Intro Social Rsch (4) SOCIO 123 Introduction to (3) Social Research AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE ------\_\_\_\_\_ (4) ECON 220 Principles of ECON 1B Princ of Macroecon (3) Macroeconomics \_\_\_\_\_\_ (4) ANTHR 130 Cultural Anthropology (3) ANTHRO 2 Cultural Anthropology As of W17, units=5 OR OR Comparative Cultures (4) NO COURSE ARTICULATED: College has not ANTHRO 20 submitted course(s) for articulation \_\_\_\_\_ HISTORY 10C World History III (4) HIST 181 World History since (3) 1500 OR OR POL SCI 2 Intro Comp Politics (4) POLSC 120 Introduction to (3) Politics OR POLSC 220 Comparative Politics (3) \_\_\_\_\_

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

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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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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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

\_\_\_\_\_ (5) SOCIO 120 Introduction to (3) Sociology SOCIOL 1 Intro Sociology \_\_\_\_\_ SOCIOL 3 Social Problems (4) SOCIO 121 Introduction to (3) Social Problems OR SOCIO 122 Critical Thinking (3) About Social and Cultural Issues OR OR SOCIOL 4 Immigrtn & Opprtnty (4) NO COMPARABLE COURSE OR OR SOCIOL 11Sociology of Labor and<br/>Employment(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation \_\_\_\_\_ SOCIOL 46A Intro Social Rsch (4) SOCIO 123 Introduction to (3) Social Research AND AND SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE \_\_\_\_\_ 4 QUARTER UNITS FROM THE FOLLOWING: ANTHRO 2 Cultural Anthropology (4) ANTHR 130 Cultural Anthropology (3) As of W17, units=5 ANTHRO 20 Comparative Cultures (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation 

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

 United States

POL SCI 3 Internatl Relations (4) POLSC 250 International (3) POL SCI 4 Bas Cnpt/Pol Thry (4) POLSC 240 Political Theory (3) POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE

#### 4 QUARTER UNITS FROM THE FOLLOWING:

HISTORY 4A	Western Civ	(4) HIST 140   	History of Western Civilization to the Renaissance	(3)
HISTORY 4B	Western Civ	(4) HIST 141	History of Western Civilization since the Renaissance	(3)

HISTORY 4C Western Civ	(4)	HIST 141 History of Western (3   Civilization since the Renaissance	)
HISTORY 6 Intro to Middle East	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation	ιt
HISTORY 7A Latin America to 1700	(4)	HIST 135 History of Latin (3   America - The Colonial   Period	)
HISTORY 7B Latin America 1700-1900	(4)	HIST 135 <u>&amp;</u> History of Latin (3 America - The Colonial Period	)
		HIST 136 History of Latin (3   America - The National   Period	
HISTORY 7C Latin America 1900-Present	. ,	HIST 136 History of Latin (3   America - The National   Period	)
HISTORY 8 Indian Civilization	(4)	NO COMPARABLE COURSE	
c) HISTORY 9A East Asian Civ	(4)	HIST 150 History of East Asia (3   (to 1600)   <b>OR</b>	)
		HIST 151 History of East Asia (3	• •
		(from 1600 - Present)	)
c) HISTORY 9B East Asian Civ	(4)	HIST 150 History of East Asia (3) (to 1600)	)
		OR	
		HIST 151 History of East Asia (3 (from 1600 - Present)	)
HISTORY 10C World History III	(4)	HIST 181 World History since (3	)
HISTORY 15 Intro African Hist Course discontinued as of S18	(4)	NO COMPARABLE COURSE	
g) HISTORY 17A U.S. History	(4)	HIST 120 History of the United (3	)
g, mbroki i,m 0.5. mbcory	(1)	States before 1865	/
g) HISTORY 17B U.S. History	(1)	HIST 121 History of the United (3	• •
g) mistoki i/b 0.5. mistory	(-)	States after 1865	)
PHILOS 5 Critical Reasoning	(4)	PHILO 130 Logic and Critical (3 Thinking	)
		<u>OK</u>  ENGL 126 Critical Thinking: (3	
OR		The Shaping of Meaning in Language	)
PHILOS 14 Eth Soc Prob in Soc	(4)	NO COMPARABLE COURSE	
OR		OR	
PHILOS 24 Intro to Ethics	(4)	PHILO 122 Introduction to (3 Ethics	)
			-

END OF MAJOR

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

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5) SOCIO 120 Introduction   Sociology	to (3)
SOCIOL 2	Self and Society OR	(4) PSYCH 225 Social Psycho   OR	logy (3)
SOCIOL 3	Social Problems	(4) SOCIO 121 Introduction Social Proble	/
		OR	
		SOCIO 122 Critical Thin About Social Cultural Issu	and
SOCIOL 46A	Intro Social Rsch	(4) SOCIO 123 Introduction   Social Resear	/
	AND	AND	
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE	

\_\_\_\_\_ PSYCH 1 General Psychology (4) PSYCH 101 Introduction to (3) 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 COURSE ARTICULATED: College has not submitted course(s) for articulation A A STD 1 Hist Exp Asian Am (4) HIST 129 History of Asian and (3) Pacific Islanders in the United States Americans(I) INO COURSE ARTICULATED: College has r<br/>submitted course(s)for articulationCHICANO 10Intro to Chic Std(4) NO COMPARABLE COURSECHICANO 50Chicano Culture(4) PSYCH 141 A A STD 2 Contemp Issues of Asian (4) NO COURSE ARTICULATED: College has not (3) Latinos/Chicanos in the U.S. (4) ANTHR 135 Native Americans Intro NA Studies n a std 1 (3) N A STD 10 NA Experience (4) ANTHR 135 Native Americans (3) N A STD 10NA Experience(4) ANTHR 135Native Americans(3)SOCIOL 4Immigrtn & Opprtnty(4) NO COMPARABLE COURSESOCIOL 11Sociology of Labor and<br/>Employment(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation SOCIOL 30A Multicultural Societies (3) NO COMPARABLE COURSE SOCIOL 30B Multicultural Societies (3) NO COMPARABLE COURSE \_\_\_\_\_

END OF MAJOR

#### ====Sociology-Organizational Studies A.B.====

#### Special Advising Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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) SOCIO 120 Introduction to (3) Sociology
AND	AND
SOCIOL 2 Self and Society	(4) PSYCH 225 Social Psychology (3)
SOCIOL 4 Immigrtn & Opprtnty OR	(4) NO COMPARABLE COURSE
SOCIOL 5 Global Soc Change <b>OR</b>	(4) NO COMPARABLE COURSE
SOCIOL 11 Sociology of Labor and Employment	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A Intro Social Rsch	(4) SOCIO 123 Introduction to (3)   Social Research
AND	AND
SOCIOL 46B Intro Social Rsch	(5) NO COMPARABLE COURSE
ECON 1A Princ of Microecon	(4) ECON 221 Principles of (3) Microeconomics
ECON 1B Princ of Macroecon	(4) ECON 220 Principles of (3) Macroeconomics

END OF MAJOR

#### ====Spanish 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:

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

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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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <u>General Catalog</u>. Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

SPANISH 1	Elementary Spanish	(5)	SPAN 120 First Term Spanish	(5)
SPANISH 2	Elementary Spanish		SPAN 120 & First Term Spanish	(5)
DIANIDII Z	Biementary Spanish	())	SPAN 121 Second Term Spanish	(5)
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		( = )		• •
SPANISH 3	Elementary Spanish	• •	SPAN 121 Second Term Spanish	(5)
SPANISH 21	Intm Spanish	(5)	SPAN 220 Third Term Spanish	(5)
			OR	
			SPAN 230 Fifth Term Spanish	(3)
SPANISH 22	Intm Spanish	(5)	SPAN 221 Fourth Term Spanish	(5)
			OR	
			SPAN 231 Sixth Term Spanish	(3)
SPANISH 23	Span Comp I	(4)	NO COMPARABLE COURSE	
SPANISH 24	Span Comp II	(4)	NO COMPARABLE COURSE	
	OR		OR	
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABLE COURSE	
SPANISH 33	Int Span Nat Spk III	(5)	NO COMPARABLE COURSE	
			1	

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1	Intro Linguistics	(4) ENGL 124   	The Nature of Language: An Introduction to	(3)
			Linguistics	

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END OF MAJOR

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 <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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)	MATH 182   	Calculus for Management, Life Science and Social Science I	(4)
MATH 16B	Short Calculus	(3)	MATH 183	Calculus for Management, Life	(4)
				Science and Social Science II	
MATH 16C	Short Calculus	(3)	MATH 183   	Calculus for Management, Life Science and Social Science II	(4)
	OR			OR	
MATH 17A	Calculus for BioSci	(4)	NO COMPAF	RABLE COURSE	

MATH 17B Calculus for Biosci MATH 17C Calculus for BioSci (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE OR OR (4) MATH 192 Analytic Geometry and (5) Calculus I MATH 21A Calculus (4) MATH 193 Analytic Geometry and (5) Calculus II MATH 21B Calculus (4) MATH 292 Analytic Geometry and (5) Calculus III MATH 21C Calculus \_\_\_\_\_ MATH 22A Linear Algebra (3) MATH 194 Linear Algebra (3) \_\_\_\_\_ ENG CS 10 Intro to Programming (4) NO COMPARABLE COURSE OR OR ENG CS 30 Programming&Prob Solving (4) COMSC 110 Introduction to (4) Programming OR COMSC 165 Advanced Programming (4) with C and C++ OR COMSC 255 Programming with Java (4) OR ENGIN 135 Programming for (4) Scientists and Engineers As of F18, Course Number = ENG CS 36A OR OR Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented ENG CS 40 (4) Programming C++

As of F18, Course Number = ENG CS 36B

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

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

#### END OF MAJOR

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

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

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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.

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 16A	Short Calculus	(3)   MATH 182 Calculus for (4)   Management, Life   Science and Social   Science I
МАТН 16В	Short Calculus	(3) MATH 183 Calculus for (4) Management, Life Science and Social Science II
МАТН 16С	Short Calculus	(3)  MATH 183 Calculus for (4)   Management, Life   Science and Social   Science II
	OR	OR
MATH 17A	Calculus for BioSci	(4) NO COMPARABLE COURSE
MATH 17B	Calculus for Biosci	(4) NO COMPARABLE COURSE
MATH 17C	Calculus for BioSci	(4) NO COMPARABLE COURSE
	OR	OR
MATH 21A	Calculus	(4) MATH 192 Analytic Geometry and (5) Calculus I
MATH 21B	Calculus	(4) MATH 193 Analytic Geometry and (5) Calculus II
MATH 21C	Calculus	(4) MATH 292 Analytic Geometry and (5) Calculus III

#### NOTE: THE MATH 21A, B, C SERIES IS RECOMMENDED

MATH 22A	Linear Algebra	(3) MATH 194	Linear Algebra	(3)
ENG CS 10	Intro to Programming OR	(4) NO COMPARAB	LE COURSE OR	
ENG CS 30	Programming&Prob Solving		Introduction to Programming	(4)
		OR		
		COMSC 165	Advanced Programming with C and C++	(4)
		OR		
		COMSC 255	Programming with Java	(4)
		ENGIN 135	Programming for Scientists and Engineers	(4)

As of F18	, Course Number = ENG CS	36A			
	OR			OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	COMSC 200	Object Oriented Programming C++	(4)
As of F18	, Course Number = ENG CS	36B			
may not	ote that the community co be identical to UC Davis nsfer to UC Davis, may ne cies.	cour	ses. Commu	nity college students,	

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#### AND ONE COURSE FROM

STATIST 12 Discrete Probabil	(4)		ARTICULATED: College has course(s) for articulati	
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 144 <b>OR</b>	Statway II	(4)
		MATH 142	Elementary Statistics with Probability	(4)
		<u>OR</u>  BUS 240	Business Statistics	(3)
STATIST 32 Stat Anlys Thru Comp As of F18, title = Gateway to Data Sc	• •	1	ABLE COURSE	

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

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#### END OF MAJOR

## ====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

MATH 21A	Calculus	(4)   MATH 192 A	Analytic Geometry and	(5)
			Calculus I	
MATH 21B	Calculus	(4) MATH 193 A	Analytic Geometry and	(5)
			Calculus II	
MATH 21C	Calculus	(4) MATH 292 A	Analytic Geometry and	(5)
			Calculus III	
MATH 21D	Vector Analysis	(4) MATH 292 A	Analytic Geometry and	(5)
			Calculus III	
MATH 22A	Linear Algebra	(3) MATH 194 I	Linear Algebra	(3)
ENG CS 60	Data Structures &	(4)   COMSC 210	Program Design and	(4)
	Programming		Data Structures	

As of F18, Course Number = ENG CS 36C

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

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#### AND ONE COURSE FROM

STATIST	12	Discrete Pi	robabil	(4)				D: College h	
					subm	itted	course(s)	for articula	tion
STATIST	13	Elementary	Statistics	s (4)	MATH	144	Statway	II	(4)
Same	as:	STATIST 13Y			01	R			
					MATH	142	Elementa	ry Statistic	s (4)
							with Pro	bability	
					0	R			
					BUS :	240	Business	Statistics	(3)
STATIST	32	Stat Anlys	Thru Comp	(4)	NO CO	OMPARA	ABLE COURSE		
As of F1	L8, t	title = Gatewa	ay to Data	Science	3				

END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <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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Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 192	Analytic Geometry and (5)
				Calculus I
MATH 21B	Calculus	(4)	MATH 193	
MATH 21C	Calculus	(1)	  MATH 292	Calculus II Analytic Geometry and (5)
MAIH ZIC	Calculus	(4)	MAIH 292	Calculus III
матн 21р	Vector Analysis	(4)	  матн 292	Analytic Geometry and (5)
	veccor marysrb	( 1 )		Calculus III
MATH 22A	Linear Algebra	(3)	MATH 194	Linear Algebra (3)
	OR			OR
MATH 67	Modern Linear Algebra	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
 МАТН 25	Advanced Calculus	(4)	NO COURSE	ARTICULATED: College has not
111111 23	navaneca carcaras	( 1 )		course(s) for articulation
ENG CS 10	Intro to Programming	(4)	NO COMPARA	
	OR		ĺ	OR
	OR		ĺ	OR Introduction to (4)
	OR		  Comsc 110 	OR
	OR		  COMSC 110     <u>OR</u>	<b>OR</b> Introduction to (4) Programming
	OR		  COMSC 110     <u>OR</u>	OR Introduction to (4)
	OR		COMSC 110 <b>OR</b> COMSC 165 <b>OR</b>	OR Introduction to (4) Programming Advanced Programming (4)
	OR		COMSC 110 OR COMSC 165 OR COMSC 255	OR Introduction to (4) Programming Advanced Programming (4)
	OR		COMSC 110 OR COMSC 165 OR COMSC 255 OR	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4)
	OR		COMSC 110 OR COMSC 165 OR COMSC 255	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4)
	OR		COMSC 110 OR COMSC 165 OR COMSC 255 OR	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4) Scientists and
ENG CS 30	OR Programming&Prob Solving	(4)	COMSC 110 OR COMSC 165 OR COMSC 255 OR	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4)
ENG CS 30	OR	(4)	COMSC 110 OR COMSC 165 OR COMSC 255 OR	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4) Scientists and
ENG CS 30 As of F	OR Programming&Prob Solving 18, Course Number = ENG CS :	(4) 36 <b>A</b>	COMSC 110 OR COMSC 165 OR COMSC 255 OR ENGIN 135	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4) Scientists and Engineers OR
ENG CS 30 As of F ENG CS 40	OR Programming&Prob Solving 18, Course Number = ENG CS : OR	(4) <b>36A</b> (4)	COMSC 110 OR COMSC 165 OR COMSC 255 OR ENGIN 135	OR Introduction to (4) Programming Advanced Programming (4) with C and C++ Programming with Java (4) Programming for (4) Scientists and Engineers OR

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

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#### AND ONE COURSE FROM

STATIST	12	Discrete P:	robabil	(4)	NO COURSE	ARTICULATE	D: College ha	as not
					submitted	course(s)	for articula	tion
STATIST	13	Elementary	Statistic	s (4)	MATH 144	Statway	II	(4)
Same	as:	STATIST 13Y			OR			
					MATH 142	Elementa	ry Statistic	s (4)
						with Pro	bability	
					OR			
					BUS 240	Business	Statistics	(3)
STATIST	32	Stat Anlys	Thru Comp	(4)	NO COMPARA	ABLE COURSE		
As of F1	L8, t	title = Gatewa	ay to Data	Science	2			

#### ====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

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

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

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

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

	alog . Quick reference cha rom our TAG website.	rts	for <u>AP</u> and <u>I</u>	<u>B</u> are also		
MATH 21A	Calculus	(4)	  MATH 192 	Analytic Geometry and Calculus I	(5)	
MATH 21B	Calculus	(4)	MATH 193	Analytic Geometry and Calculus II	(5)	
MATH 21C	Calculus	(4)	MATH 292	Analytic Geometry and Calculus III	(5)	
MATH 21D	Vector Analysis	(4)	MATH 292	Analytic Geometry and Calculus III	(5)	
MATH 22A	Linear Algebra	(3)	матн 194 	Linear Algebra	(3)	
ENG CS 10	Intro to Programming <b>OR</b>	(4)	NO COMPARAB	LE COURSE OR		
ENG CS 30	Programming&Prob Solving	(4)		Introduction to Programming	(4)	
			<u>OR</u>  COMSC 165     <b>OR</b>	Advanced Programming with C and C++	(4)	
			COMSC 255	Programming with Java	(4)	
			ENGIN 135	Programming for Scientists and Engineers	(4)	
As of F1	.8, Course Number = ENG CS	36A	1			
ENG CS 40	<b>OR</b> Sftwr/Obj-Orien:C++	(4)	COMSC 200	<b>OR</b> Object Oriented Programming C++	(4)	
As of F1	8, Course Number = ENG CS	36B				
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	  MATH 144   <b>OR</b>	Statway II	(4)	
			MATH 142	Elementary Statistics with Probability	(4)	
	OR		<u>OR</u>  BUS 240 	Business Statistics <b>OR</b>	(3)	
	STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science					

#### END OF MAJOR

====Sustainable Agriculture and Food Systems B.S.==== Special Advising Note:

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

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 2016-18 <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 120	Public Speaking (3)
PL SCI 15	Intro Sustainable Agriculture	(4)		ARTICULATED: College has not course(s) for articulation
CM&RGDE 20	Food Systems	(4)		ARTICULATED: College has not course(s)for articulation
PL PATH 40	Edible Mushroom Cult	(2)		ARTICULATED: College has not course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)		ARTICULATED: College has not course(s) for articulation
	Select one of the	foll	owing cours	 Ses:
AN SCI 41L			NO COURSE	ARTICULATED: College has not course(s)for articulation
AN SCI 49A	Animal Prac/Aquaculture	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49B	Animal Prac/Beef	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49C	Animal Prac/Dairy	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49D	Animal Prac/Goats	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49E	Animal Prac/Horses	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49F	Animal Prac/Lab Animals	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49G	Animal Prac/Meats	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49H	Animal Prac/Poultry	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 491	Animal Prac/Sheep	(2)	NO COURSE	ARTICULATED: College has not course(s) for articulation
AN SCI 49J	Animal Prac/Swine	(2)	1	ARTICULATED: College has not course(s)for articulation
ABIOSYT 49	Fld Equip Oper OR	(2)	NO COMPARI	ABLE COURSE OR
ABIOSYT 52	-	(2)		ARTICULATED: College has not course(s)for articulation
	PLUS CHOOSE ONE OF	THE	FOLLOWING	THREE TRACKS:
	TRACK I: AGRICU	-		
МАТН 16А	Short Calculus	(3)	MATH 182 	Management, Life
				Science and Social Science I
MATH 16B	Short Calculus	(3)	MATH 183 	Calculus for (4) Management, Life
				Science and Social Science II
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College (5) Chemistry I
CHEM 2B	Genl Chemistry	(5)	CHEM 120 a	General College (5) Chemistry I
			  CHEM 121 	

j) PHYSICS	1A Principles Physics	(3)	PHYS 120General College(4)Physics I
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	Cellular and
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	Molecular Biology BIOSC 131 Principles of (5) Organismal Biology, Evolution and Ecology
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
AN SCI 1	Domest Ani & People OR	(4)	NO COMPARABLE COURSE
AN SCI 2		(4)	NO COMPARABLE COURSE
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
ECON 1A	Princ of Microecon	(4)	ECON 221       Principles of (3)                 Microeconomics
CM&RGDE 1	The Community	(4)	NO COMPARABLE COURSE
PHILOS 14		(4)	NO COMPARABLE COURSE
PHILOS 15		(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 24	OR Intro to Ethics	(4)	OR  PHILO 122 Introduction to (3) Ethics
ANTHRO 2 As of W17,		(4)	ANTHR 130 Cultural Anthropology (3)
POL SCI 4	OR Bas Cnpt/Pol Thry OR	(4)	OR  POLSC 240 Political Theory (3)   OR
SOCIOL 1	Intro Sociology	(5)	SOCIO 120 Introduction to (3) Sociology
SOCIOL 3	<b>OR</b> Social Problems	(4)	OR SOCIO 121 Introduction to (3) Social Problems
			OR         SOCIO 122       Critical Thinking (3)         About Social and         Cultural Issues
PHILOS 5	<b>TRACK II: FO</b> Critical Reasoning		PHILO 130       Logic and Critical (3)         Thinking
	OP		OR ENGL 126 Critical Thinking: (3) The Shaping of Meaning in Language
PHILOS 31	<b>OR</b> Scientific Reason	(4)	OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHILOS 14		(4)	NO COMPARABLE COURSE
PHILOS 15	OR Intro to Bioethics	(4)	OR  NO COURSE ARTICULATED: College has not

	OR		submitted course(s) for articulation <b>OR</b>
PHILOS 24	Intro to Ethics	(4)	PHILO 122 Introduction to (3 Ethics
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE
STATIST 13		(4)	
buille ub			MATH 142 Elementary Statistics (4 with Probability OR
			BUS 240 Business Statistics (3
CHEM 2A	Genl Chemistry	(5)	CHEM 120 General College (5   Chemistry I
BIOLSCI 2A	Intro Biology:Life on Earth <b>OR</b>	(5)	BIOSC 130 Principles of (5 Cellular and Molecular Biology OR
BIOLSCI 10	-	(4)	BIOSC 101 Fundamentals of (3 Biological Science
			BIOSC 102 Fundamentals of (4 Biological Science with Laboratory
PL SCI 2	Bot Physio Cul Plt	(4)	NO COURSE ARTICULATED: College has no submitted course(s)for articulation
BIOLSCI 2B	& Evolution	(5)	BIOSC 131 Principles of (5 Organismal Biology, Evolution and Ecology OR
ENV S&P 1	OR Env Analysis OR	(4)	NO COMPARABLE COURSE
ENV S&P 30 Same as:	Global Ecosystem ENV SC&M 30 OR	(3)	NO COMPARABLE COURSE
W&F BIO 10	Wildl Ecol Conserve OR	(4)	-
	Intro to Conservation Biology		
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3)	HORT 120 Soil Science and (3 Management
ECON 1A		(4)	ECON 221 Principles of (3 Microeconomics
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240 Political Theory (3
	Cultural Anthropology units=5		ANTHR 130 Cultural Anthropology (3
SOCIOL 1		(5)	OR SOCIO 120 Introduction to (3 Sociology
SOCIOL 3	OR Social Problems	(4)	OR SOCIO 121 Introduction to (3

			<u>OR</u>  SOCIO 122	Social Problems Critical Thinking About Social and Cultural Issues	(3)
	The Community Ethnicity Amer Comm	(4)			(3)
мати 16а	TRACK III: ECC Short Calculus		<b>CS AND POLICY</b>  MATH 182	<b>r</b> Calculus for	(4)
			MATH 182	Management, Life Science and Social Science I Calculus for Management, Life Science and Social Science II	(4)
SOCIOL 46B	Intro Social Rsch <b>OR</b>	(5)	NO COMPARABI 	LE COURSE OR	
	Elementary Statistics STATIST 13Y	(4)	MATH 144   <b>OR</b>	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>  BUS 240	Business Statistics	(3)
CHEM 2A	Genl Chemistry	(5)	İ	General College Chemistry I	(5)
BIOLSCI 2A	Intro Biology:Life on Earth OR	(5)			(5)
BIOLSCI 10		(4)		Fundamentals of Biological Science	(3)
			<u>OR</u>  BIOSC 102 	Fundamentals of Biological Science with Laboratory	(4)
PL SCI 2	Bot Physio Cul Plt	(4)		RTICULATED: College has Durse(s)for articulatio	
	Intro Biology: Ecology & Evolution OR	(5)	BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology <b>OR</b>	
ENV S&P 1	Env Analysis OR	(4)	NO COMPARABI	LE COURSE OR	
	Global Ecosystem ENV SC&M 30 <b>OR</b>	(3)	NO COMPARABI   	LE COURSE	
W&F BIO 10	Wildl Ecol Conserve OR	(4)	NO COMPARABI		
W&F BIO 51	-	(3)	İ	LE COURSE	
 FD S&T 1	Food Sci Principles	(3)			

SOILSCI 10	Soils in Our Environment	(3)	HORT 120 	Soil Science and () Management	3)
ECON 1A	Princ of Microecon	(4)	ECON 221	Principles of (1	3)
ECON 1B	Princ of Macroecon	(4)	  ECON 220 	Microeconomics Principles of () Macroeconomics	3)
POL SCI 4	Bas Cnpt/Pol Thry	(4)	POLSC 240	Political Theory (1	3)
ANTHRO 2 As of W17,	units=5	(4)	ANTHR 130	Cultural Anthropology (	3)
SOCTOT 1	<b>OR</b> Intro Sociology	(5)	SOCIO 120	<b>OR</b> Introduction to (1	3)
500101 1	OR	(5)		Sociology OR	)
SOCIOL 3	Social Problems	(4)	SOCIO 121		3)
			<u>OR</u>  SOCIO 122   	Critical Thinking ( About Social and Cultural Issues	3)
CM&RGDE 1	The Community	(4)	NO COMPARA	BLE COURSE	
PHILOS 14	Eth Soc Prob in Soc OR	(4)	NO COMPARA	BLE COURSE OR	
PHILOS 15	*	(4)	1	ARTICULATED: College has no course(s) for articulation OR	
PHILOS 24	Intro to Ethics	(4)	PHILO 122 	Introduction to () Ethics	3)

END OF MAJOR

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

# ====Sustainable Environmental Design B.S.==== Special Advising Note:

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 <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 120	Public Speaking	(3)
ENGLISH 3	Intro to Lit	(4) ENGL 123   	Critical Thinking: Composition and Literature	(3)
	OR	İ	OR	

UWRITING 1 Expository Writing (4) ENGL 122 Freshman English: (3) Composition and Reading OR OR UWRITING 18 Style in the Essay (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 48 OR OR UWRITING 19 Wrtg Research Papers (4) NO COMPARABLE COURSE As of F17, Course Number = UWRITING 49 \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) Earth Cellular and Molecular Biology BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of & Evolution Organismal Biology, Evolution and Ecology (5) \_\_\_\_\_<sup>\_</sup> ONE COURSE FROM THE FOLLOWING: STATIST 10 Statist Thinking (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation STATIST 12 Discrete Probabil (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation STATIST 13 Elementary Statistics (4) MATH 144 Statway II (4) Same as: STATIST 13Y OR MATH 142 Elementary Statistics (4) with Probability OR BUS 240 Business Statistics (3) STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: ECON 1APrinc of Microecon(4) ECON 221Principles of<br/>Microeconomics(3)ECON 1BPrinc of Macroecon(4) ECON 220Principles of<br/>Macroeconomics(3) \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: (4) | POLSC 121 Introduction to | United States POL SCI 1 Amer Natl Govt (3) Government POL SCI 2 Intro Comp Politics (4) POLSC 120 Introduction to (3) Politics ORPOL SCI 3Internatl Relations(4)POLSC 220Comparative Politics(3)Comparative Politics(3) Relations (4) POLSC 240 Political Theory (3) POL SCI 4 Bas Cnpt/Pol Thry POL SCI 5 Probs/Am Pol Sys (4) SOCSC 111 Money, Power and (3) Politics in the United States POL SCI 7 Law & Politics (4) NO COMPARABLE COURSE POL SCI 11A America Decides (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation POL SCI 11B Citizen Lawmaking (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 11C Politics & Film (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation POL SCI 11D Political Persuasion (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

POL SCI 12A Politics & Sports (4) NO COURSE ARTICULATED: College has not 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 POL SCI 51Scientific Study of<br/>Politics(4) NO COURSE ARTICULATED: College has not<br/>submitted course(s) for articulation \_\_\_\_\_ \_\_\_\_\_ ONE COURSE FROM THE FOLLOWING: SOCIOL 1 Intro Sociology (5) SOCIO 120 Introduction to (3) Sociology 

 SOCIOL 2
 Self and Society
 (4)
 PSYCH 225
 Social Psychology

 SOCIOL 3
 Social Problems
 (4)
 SOCIO 121
 Introduction to

 Social Problems
 Social Problems
 Social Problems

 (3) (3) OR SOCIO 122 Critical Thinking (3) About Social and Cultural Issues 

 SOCIOL 4
 Immigrtn & Opprtnty
 (4) NO COMPARABLE COURSE

 SOCIOL 5
 Global Soc Change
 (4) NO COMPARABLE COURSE

 SOCIOL 11
 Sociology of Labor and Employment
 (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

 SOCIOL 25
 Popular Culture
 (4) SOCSC 123
 American Popular
 (3)

 Culture SOCIOL 30A Multicultural Societies (3) NO COMPARABLE COURSE SOCIOL 30B Multicultural Societies (3) NO COMPARABLE COURSE SOCIOL 46A Intro Social Rsch (4) SOCIO 123 Introduction to (3) Social Research SOCIOL 46B Intro Social Rsch (5) NO COMPARABLE COURSE \_\_\_\_\_ AND ONE COURSE IN A PHYSICAL SCIENCE \_\_\_\_\_ ALL OF THE FOLLOWING COURSES: LND ARC 1 Intro Environ Design (4) HORT 180 Introduction to (3) Landscape Architecture Landscape Architecture LND ARC 2 Place, Culture, Community (4) NO COMPARABLE COURSE LND ARC 3 Sustainable Development (4) NO COMPARABLE COURSE LND ARC 21 Design Visualization (5) | HORT 181 Landscape Design I: (3) Graphics As of F17, units = 4As of F17, title = Land Rep I LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE LND ARC 50 Site Ecology (4) NO COMPARABLE COURSE LND ARC 70 Introduction to (5) NO COMPARABLE COURSE Spacemaking As of F17, units = 4\_\_\_\_\_ END OF MAJOR

===Textiles and Clothing B.S. (Marketing/Economics)==== <u>IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

# Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <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 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PL SCI	21	Computers in Technology	(3)	NO COMPARA	ABLE COURSE
		OR			OR
B) ENG	CS 15	Intro to Computers	(4)	NO COURSE	ARTICULATED: College has not
				submitted	course(s)for articulation
		OR		İ	OR
ENG CS	30	Programming&Prob Solving	(4)	COMSC 110	Introduction to (4)
		5 5 5		ĺ	Programming
				OR	5 5
				COMSC 165	Advanced Programming (4)
					with C and C++
				OR	
				COMSC 255	Programming with Java (4)
				OR	110910
				ENGIN 135	Programming for (4)
					Scientists and
				1	Engineers
				1	пидтисстр

As of F18, Course Number = ENG CS 36A

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

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

#### 4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2 As of W17,	Cultural Anthropology units=5	(4)	ANTHR	130	Cultural Anthropology	(3)
	OR				OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO COI 	MPARABL	E COURSE	
	OR				OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS   	195	Prehistoric and Ancient Art	(3)
	OR				OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS	196	and Renaissance Art	(3)
	OR				OR	
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS	197	History of Baroque to 20th Century Art	(3)
	OR				OR	
ARTHI 1D	Arts of Asia	(4)	ARTHS	193	History of Asian Art	(3)
	ALL OF THE F	OLLO	WING CO	OURSES:		
j) PHYSICS	1A Principles Physics	(3)	PHYS ] 		General College Physics I	(4)

PHYSICS 10	<b>OR</b> Topics,Nonscientists	(4)	  phys 110	<b>OR</b> Elementary Physics	(3)
			  PSYCH 101 		(3)
SOCIOL 2	Self and Society	(4)	РЅҮСН 225	Social Psychology	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 144   <u>OR</u>  MATH 142     <b>OR</b>	Statway II Elementary Statistics with Probability	(4) (4)
			BUS 240	Business Statistics	(3)
TEX&CL 6 TEX&CL 7 TEX&CL 8		(4)	NO COMPARABI NO COMPARABI NO COMPARABI	LE COURSE	
	Elem Accounting Elem Accounting		BUSAC 187	Financial Accounting Managerial Accounting	(4)
снем 10	Concept of Chem OR	(4)			
CHEM 2A	Genl Chemistry	(5)	СНЕМ 120 	General College Chemistry I	(5)
MATH 16A MATH 16B	Short Calculus		MATH 182                   	Calculus for Management, Life Science and Social Science I Calculus for Management, Life Science and Social	(4)
			 	Science II	

#### RESTRICTED ELECTIVES (12 QUARTER UNITS):

AGRESEC 18	Business Law	(4)	BUS 294	Business Law	(3)
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARAE	BLE COURSE	
MATH 16C	Short Calculus	(3)	MATH 183	Calculus for	(4)
				Management, Life	
				Science and Social	
				Science II	
Foreign lan units.	guage units may be used to	sat	isfy any or	all of the required 12	

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END OF MAJOR

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

====Textiles and Clothing B.S. (Textile Science)==== <u>IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:</u> The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

#### Special Advising Note:

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

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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:

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AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

PL SCI 21	Computers in Technology OR	(3)	NO COMPARA	ABLE COURSE OR
B) ENG CS 15	•	(4)		ARTICULATED: College has not course(s)for articulation
	OR			OR
ENG CS 30	Programming&Prob Solving	(4)	COMSC 110	Introduction to (4) Programming
			OR	
			COMSC 165	Advanced Programming (4) with C and C++
			OR	
			COMSC 255	Programming with Java (4)
			ENGIN 135	Programming for (4) Scientists and Engineers

As of F18, Course Number = ENG CS 36A

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

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

#### 4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR	130	Cultural	Anthropology	(3)
As of W17,	units=5						
	OR				OR		
SCI&SOC 1	Critical Inquiry into	(4)	NO CON	MPARABLE	E COURSE		
	Contemporary Issues						
	OR				OR		
ARTHI 1A	Ancient Mediterranean Art	(4)	ARTHS	195	History o	of	(3)
					Prehistor	ric and	
					Ancient A	Art	
	OR				OR		
ARTHI 1B	Mediev&Renaiss Art	(4)	ARTHS	196	History o	of Medieval	(3)

			1		
	OR			and Renaissance Art <b>OR</b>	
ARTHI 1C	Baroque to Modern Art	(4)	ARTHS 197	History of Baroque to 20th Century Art <b>OR</b>	(3)
ARTHI 1D	<b>OR</b> Arts of Asia	(4)	ARTHS 193	History of Asian Art	(3)
	ALL OF THE F	OLLO	WING COURSES	:	
j) PHYSICS	1A Principles Physics	(3)	PHYS 120   	General College Physics I <b>OR</b>	(4)
PHYSICS 10	Topics,Nonscientists	(4)	  PHYS 110	-	(3)
PSYCH 1	General Psychology	(4)		Introduction to Psychology	(3)
SOCIOL 2	Self and Society	(4)	PSYCH 225	Social Psychology	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 144	Statway II	(4)
			MATH 142	Elementary Statistics with Probability	(4)
			<u>OR</u>  BUS 240	Business Statistics	(3)
		(4)	NO COMPARAB	LE COURSE	
TEX&CL 8	Texcile Apparel Ind	(4) 	INO COMPARAB	LE COURSE	
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u> 	General College Chemistry I	(5)
			CHEM 121   	General College Chemistry II	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		CHEM 226  CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
MATH 16A	Short Calculus	(3)	MATH 182     	Calculus for Management, Life Science and Social Science I	(4)
	RESTRICTED ELECTIVES	(16	QUARTER UNI	<u>TS):</u>	
AGRESEC 18	Business Law	(4)	BUS 294	Business Law	(3)
CHEM 2C	Genl Chemistry	(5)	CHEM 121 	General College Chemistry II	(5)
CHEM 128A	Organic Chemistry		CHEM 226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 226 &	Organic Chemistry I	(5) (5)
CHEM 128C	Organic Chemistry	(२)	CHEM 227 CHEM 227	Organic Chemistry II Organic Chemistry II	(5) (5)
DESIGN 77	Intro to Fashion Design		NO COMPARAB		
MGMT 11A	Elem Accounting	(4)	BUSAC 186	Financial Accounting	(4)
MGMT 11B	Elem Accounting		BUSAC 187	Managerial Accounting	
MATH 16B	Short Calculus	(3)	MATH 183   	Calculus for Management, Life Science and Social	(4)
MATH 16C	Short Calculus	(3)	  MATH 183	Science II Calculus for	(4)

SOCIOL 25 Popular Culture

Management, Life Science and Social

American Popular

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Science II

Culture

Foreign language units may be used to satisfy any or all of the required 16 units.

END OF MAJOR

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

#### ====Theatre and Dance A.B.====

#### Special Advising Note:

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for <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.

SELECT 4 UNITS FROM THE FOLLOWING:

o) DRAMART 21	A Fundamentals of Act	(4)	DRAMA 122 Basic Principles of (3) Acting
DRAMART 40A	Beg Modern Dance	(2)	DANCE 232 Modern Dance I (1)
			KNDAN 130A Modern Dance (.5-2) Fundamentals I
DRAMART 40B	Int Modern Dance	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 42A	Beg Ballet	(2)	DANCE 212 Ballet I (1)
			KNDAN 110A Ballet (.5-2) Fundamentals I
DRAMART 42B	Inter Ballet	(2)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ALL OF THE F	OLLOV	WING COURSES:
DRAMART 28	Stagecraft & Management	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
DRAMART 56A		(4)	submitted course(s)for articulation
DRAMART 56A DRAMART 56B			submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not
DRAMART 56B	Hist Theatre Dance I Hist Theatre Dance II	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation

END OF MAJOR

•) Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.

====Viticulture and Enology B.S.====

Special Advising Note:

# **REQUIREMENTS FOR ADMISSION:** (for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis. Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

> General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

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

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

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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.

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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also

available from our TAG website. \_\_\_\_\_ BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of Earth Cellular and (5) Molecular Biology \_\_\_\_\_ PL SCI 2 Bot Physio Cul Plt (4) NO COURSE ARTICULATED: College has not submitted course(s)for articulation \_\_\_\_\_ CHEM 2A Genl Chemistry (5) CHEM 120 General College (5) Chemistry I (5)|CHEM 120 <u>&</u> General College CHEM 2B Genl Chemistry (5) Chemistry I CHEM 121 General College Chemistry II (5) CHEM 2C Genl Chemistry (5)|CHEM 121 General College | Chemistry II (5) \_\_\_\_\_ CHEM 8AOrganic Chem-Brief(2) CHEM 226Organic Chemistry I(5)CHEM 8BOrganic Chem-Brief(4) CHEM 227Organic Chemistry II(5) \_\_\_\_\_ PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE

МАТН 16А	Short	Calculus		(3)	MATH   	182	5	ment, Life e and Social	(4)
MATH 16B	Short	Calculus		(3)	MATH   	183	Calcul: Manager	us for ment, Life e and Social	(4)
j) PHYSICS I	 1A	Principles	Physics	(3)	PHYS   	120	Physics	l College 3 I <b>ND</b>	(4)
j) PHYSICS I	1B	Principles OR	Physics	(3)	PHYS	121	Genera. Physics	l College	(4)
		OR			I		,	JR	
j) PHYSICS '	7A	General Phy	vsics	(4)	PHYS 	120	<u>&amp;</u> General Physics	l College 5 I	(4)
					PHYS 	121	Genera Physics	l College s II	(4)
It is highly	y reco	mmended that	at students	s cor	mplete	e an	entire phy	ysics series a	t

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

VIT-ENO	2	Intro to Viticult	(2) NO	COMPARABLE	COURSE
VIT-ENO	3	Intro Winemaking	(3)   NO	COMPARABLE	COURSE

END OF MAJOR

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

====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

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

## 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 2016-18 General Catalog . Quick reference charts for <u>AP</u> and <u>IB</u> are also available from our TAG website.

UWRITING 1 Expository Writing (4) ENGL 122 Freshman English: (3) Composition and Reading

	AND			AND	
COMUNCN 1	Intro Public Spkg <b>OR</b>	(4)	COMM 120	Public Speaking <b>OR</b>	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMM 128 	Interpersonal Communication	(3)
o) DRAMART	OR 10 Intro To Acting	(4)	DRAMA 122		(3)
	leting UWP 1 and Communicat. quirements.	ion	 1 will simul:	Acting taneously satisfy the	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSC 130 	Cellular and	(5)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSC 131	Molecular Biology Principles of Organismal Biology, Evolution and Ecology	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSC 131   		(5)
CHEM 2A	Genl Chemistry	(5)	CHEM 120 	General College Chemistry I	(5)
CHEM 2B	Genl Chemistry	(5)	CHEM 120 <u>&amp;</u> 	General College Chemistry I	(5)
			CHEM 121	General College Chemistry II	(5)
	Organic Chem-Brief Organic Chem-Brief		CHEM 227	Organic Chemistry I Organic Chemistry II	(5) (5)
MATH 16A MATH 16B	Short Calculus Short Calculus		MATH 182      MATH 183	Calculus for Management, Life Science and Social Science I Calculus for	(4)
			   	Management, Life Science and Social Science II	
j) PHYSICS	1A Principles Physics	(3)	PHYS 120	General College	(4)
j) PHYSICS	1B Principles Physics	(3)	PHYS 121 	General College Physics II	(4)
	ONE COURSE FROM THE FOLLOW	ING			
	Wildl Ecol Conserve				
	Calif Wild Vertebrates			Biology	(4)
	Intro to Conservation Biology OMMENDED COURSES FOR THE WI				
CHEM 2C	Genl Chemistry	(5)	CHEM 121		(5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4) (4)	  CHEM 226  CHEM 226 <u>&amp;</u>  CHEM 227	Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry II	(5) (5) (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 227	Organic Chemistry II	(5)

j) P	HYSICS	7A	General	Physics	(4)	PHYS 	120	<u>&amp;</u>	General Physics	5	(4)
						PHYS 	121		General Physics	5	(4)
j) P	HYSICS	7B	General	Physics	(4)	PHYS 	120	<u>&amp;</u>	General Physics	2	(4)
						PHYS 	121		General Physics	5	(4)
j) P	HYSICS	7C	General	Physics	(4)	PHYS 	120	<u>&amp;</u>	General Physics	5	(4)
						PHYS 	121		General Physics	5	(4)
END	OF MAJC										 

- Students who take Drama 122 at Diablo Valley College will receive credit at UC Davis for DRAMART 10 or DRAMART 21A, not both.
- j) Students who take PHYS 120 and PHYS 121 at Diablo Valley College will receive credit for either PHYSICS 1AB or PHYSICS 7ABC at UC Davis, not both series.

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.

====Worksheet UGA (ENG)====

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at <a href="http://engineering.ucdavis.edu/transfer-credit-agreements/">http://engineering.ucdavis.edu/transfer-credit-agreements/</a>

 МАТН 2	 1A	Calculus	(4)	   MATH	192	Analytic Geometry and	(5)
				İ 		Calculus I	
MATH 2	1B	Calculus	(4)	MATH	193	Analytic Geometry and Calculus II	(5)
				 		calculus II	
MATH 2	1C	Calculus	(4)	MATH	292	Analytic Geometry and	(5)
						Calculus III	
MATH 2	1D	Vector Analysis	(4)	MATH		Analytic Geometry and	(5)
						Calculus III	
MATH 2	2A	Linear Algebra	(3)	   MATH	194	Linear Algebra	(3)
 матн о		Different Equations	··		204	Differential Equations	 (E)
MAIH 2	2В 	Differntl Equations	(3)		294 		(5)
CHEM 2.	A	Genl Chemistry	(5)	CHEM	120	General College Chemistry I	(5)
	_		( = )		100 -		( = )
CHEM 2	В	Genl Chemistry	(5)	CHEM 	120 <u>&amp;</u>	General College Chemistry I	(5)
				CHEM	121	General College	(5)
						Chemistry II	

CHEM 2C	Genl Chemistry	(5)	CHEM 	121	General College Chemistry II	(5)
CHEM 8A	Organic Chem-Brief	(2)	CHEM	226	Organic Chemistry I	(5)
CHEM 8B	Organic Chem-Brief	(4)	CHEM	227	Organic Chemistry II	(5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	226	Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM   CHEM	226 <u>&amp;</u> 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 128A	Organic Chemistry	(3)	CHEM	226	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)		226 <u>&amp;</u> 227	Organic Chemistry I Organic Chemistry II	(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM	226	Organic Chemistry I	(5)
PHYSICS 9A	Classical Physics	(5)	PHYS     	130	Physics for Engineers and Scientists A: Mechanics and Wave Motion	(4)
PHYSICS 9B	Classical Physics	(5)	PHYS      PHYS   	230 <u>&amp;</u> 231	Physics for Engineers and Scientists B: Heat and Electro-Magnetism Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYS   	230	Physics for Engineers and Scientists B: Heat and Electro-Magnetism	(4)
PHYSICS 9D	Modern Physics	(4)	   PHYS   	231	Physics for Engineers and Scientists C: Optics and Modern Physics	(4)
a) BIMEDEN	1 Intro Biomedical E	ngr (2)	NO CO	OMPARAE		
a) BIMEDEN	20 Fundamentals of Bioengineering	(4)	NO C(			
a) ENGIN 4	Graphics in Design	(3)	1	N 120	Engineering Drawing	(3)
				<u>DR</u> N 121	Drawing/Descriptive Geometry	(3)
a) ENGIN 6	Engr Prob Solving		   ENGI1   		Computer Programming for Engineers Using MATLAB	(4)
a) ENGIN 17	7 Circuits I	(4)	ENGI1 	1 230	Introduction to Circuits and Devices	(4)

a) ENGIN 45 Prop of Mats (4) ENGIN 240 Properties of (4) Engineering Materials ENG CS 20 C Sci/Discrete Math (4) MATH 195 Discrete Mathematics (4) ENG CS 30 Programming&Prob Solving (4) COMSC 110 Introduction to (4) Programming COMSC 155 Advanced Programming (4) with C and C++ COMSC 255 Programming with Java (4) ENG T18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented (4) Scientists and ENG CS 50 Machine Dependent Prog (4) COMSC 200 Object Oriented (4) Programming/Computer Organization ENG CS 50 Machine Dependent Prog (4) COMSC 200 Assembly Language (4) Programming/Computer Organization ENG CS 60 Data Structures & (4) COMSC 210 Program Design and (4) Programming / Data Structures & (4) NO COMPARABLE COURSE a) ENG BS 1 Biosys Engr Fndts (4) NO COMPARABLE COURSE a) ENG MSC 50 Mig Processes (4) NO COMPARABLE COURSE a) ENG MSC 50 Mig Processes (4) NO COMPARABLE COURSE a) ENG CS 10 Attrial Balances (4) NO COMPARABLE COURSE b) ENG CS 0 Engineering Problem Solv (4) a) ENG CS 10 Attrial Balances (4) NO COMPARABLE COURSE b) ENG CS 0 Engineering Problem Solv (4) a) ENG CS 10 Attrial Balances (4) NO COMPARABLE COURSE b) ENG CS 10 Attrial Balances (4) NO COMPARABLE COURSE composition and Reading ENG CMM 80 Chem Engr Profession (1) NO COMPARABLE COURSE b) ENG CHM 80 Chem Engr Profession (1) NO COMPARABLE COURSE composition and Reading ENGLISH 3 Intro to Lit (4) ENGL 122 Freebman English: (3) COMPONIN 1 Intro Public Spkg (4) COMM 123 Interpersonal COMUNCN 1 Intro Public Spkg (4) COMM 123 Interpersonal COMUNCN 1 Intro Sublogy:Life on ENGLISH 3 Interpersonal (5) BIOSC 130 Principles of (5) ENCKI 2A Intro Biology:Life on ENCLISH 3 Interpersonal (5) BIOSC 130 Principles of (5) ENCKI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) ENCLIAR BIOLOGY ENDER						
ENG CS 20 C Sci/Discrete Math (4) [MATH 195 Discrete Mathematics (4) ENG CS 20 C Sci/Discrete Math (4) [MATH 195 Discrete Mathematics (4) ENG CS 30 Programming&Prob Solving (4) [COMSC 110 Introduction to (4) Programming (4) OR With C and C++ OR With C and C++ OR ENG IN 135 Programming with Java (4) OR ENG IN 135 Programming for (4) Scientists and Engineers As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) [COMSC 200 Object Oriented (4) Programming C++ As of F18, Course Number = ENG CS 36B ENG CS 50 Machine Dependent Prog (4) [COMSC 210 Object Oriented (4) Programming/Computer Organization ENG CS 60 Data Structures & (4) [COMSC 210 Program Design and (4) Data Structures (4) [COMSC 210 Program Design and (4) Data Structures (4) [NO COMPARABLE COURSE a) ENG BS 1 Biosys Engr Fndts (4) [NO COMPARABLE COURSE a) ENG BS 1 Biosys Engr Fndts (4) [NO COMPARABLE COURSE a) ENG CHM 51 Material Balances (4) [NO COMPARABLE COURSE a) ENG CHM 51 Material Balances (4) [NO COMPARABLE COURSE a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) [NO COMPARABLE COURSE ENG CHM 11 Intro Public Spkg (4) [COMM 128 Interpersonal C16] ENGLISE 3 Intro to Lit (4) [ENGL 123 Critical Thinking: (3) Communication Computing (4) [ENGL 126 Public Speaking (3) COMUNCN 1 Intro Public Spkg (4) [COMM 128 Interpersonal (5) ENG CMM 128 Interpersonal (5) ENG L2A Intro Biology:Life on (5) ENGC 130 Pri	a) ENGIN 35	Statics	(4)	ENGIN 255	Statics	(3)
ENG CS 20 C Sci/Discrete Math (4) MATH 195 Discrete Mathematics (4 ENG CS 30 Programming&Prob Solving (4) COMSC 110 Introduction to (4 Programming (4) OR COMSC 165 Advanced Programming (4) OR COMSC 165 Programming with Java (4 OR COMSC 255 Programming for (4) ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented (4 Programming C++ As of F18, Course Number = ENG CS 368 ENG CS 50 Machine Dependent Prog (4) COMSC 260 Assembly Language (4 Programming C++ As of F18, Course Number = ENG CS 368 ENG CS 50 Machine Dependent Prog (4) COMSC 260 Assembly Language (4 Programming/Computer Organization ENG CS 60 Data Structures & (4) COMSC 210 Program Design and (4 Data Structures & (4) NO COMPARABLE COURSE a) ENG BS 1 Biosys Engr Frdts (4) NO COMPARABLE COURSE a) ENG MEC 50 Mfg Processes (4) NO COMPARABLE COURSE a) ENG MEC 50 Mfg Processes (4) NO COMPARABLE COURSE a) ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE a) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE a) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE a) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Engineering Problem Solv (4) a) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE ENG CHM 60	a) ENGIN 45	Prop of Mats	(4)	ENGIN 240 	Properties of Engineering Materials	(4)
OR       Programming         OR       Advanced Programming (4         OR       COMSC 165       Advanced Programming (4         OR       COMSC 255       Programming for (4         As of F18, Course Number = ENG CS 36A       Scientista and Engineers       Scientista and Engineers         ENG CS 40       Sftwr/Obj-Orien:C++ (4)       COMSC 260       Assembly Language (4         As of F18, Course Number = ENG CS 36B       Programming C++       As of F18, Course Number = ENG CS 36B         ENG CS 50       Machine Dependent Prog (4)       COMSC 210       Programming/Computer Organization         ENG CS 60       Data Structures & (4)       COMSC 210       Programming/Computer Organization         As of F18, Course Number = ENG CS 36C       Assembly Language (4         As of F18, Course Number = ENG CS 36C       Assembly Language (4         As of F18, Course Number = ENG CS 36C       Assembly Language (4         a) ENG BS 1       Biosys Engr Fndts       (4)         a) ENG BS 1       Biosys Engr Fndts       (4)         a) ENG MBC 50       Mfg Processes       (4)         a) ENG MBC 50       Mfg Processes       (4)         a) ENG CHM 80       Chem Engr Profession (1)       NO COMPARABLE COURSE         a) ENG CHM 80       Chem Engr Profession (1)       NO COM	ENG CS 20	C Sci/Discrete Math	(4)			
COMSC 165 Advanced Programming (4 OR CONSC 255 Programming with Java (4 OR CONSC 255 Programming for (4 Scientists and Engineers As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented Programming C++ As of F18, Course Number = ENG CS 36B ENG CS 50 Machine Dependent Prog (4) COMSC 200 Assembly Language (4 Programming C++ As of F18, Course Number = ENG CS 36B ENG CS 50 Machine Dependent Prog (4) COMSC 210 Program Design and (4 Programming/Computer Organization ENG CS 60 Data Structures & (4) COMSC 210 Program Design and (4 Programming C++ As of F18, Course Number = ENG CS 36C a) ENG BS 1 Biosys Engr Fndts (4) NO COMPARABLE COURSE a) ENG BS 1 Biosys Engr Fndts (4) NO COMPARABLE COURSE a) ENG MEC 50 Mfg Processes (4) NO COMPARABLE COURSE a) ENG CHM 51 Material Balances (4) NO COMPARABLE COURSE ENC CHM 60 Engineering Problem Solv (4) a) ENG CHM 80 Chem Engr Profession (1) NO COMPARABLE COURSE UNRITING 1 Expository Writing (4) ENGL 122 Preshman English: (3 COMPOSITION and Reading ENGLISH 3 Intro to Lit (4) ENGL 123 Critical Thinking: (3 COMUNCN 1 Intro Public Spkg (4) COMM 120 Public Speaking (3 COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 128 Interpersonal (3 COMUNCN 1 Intro Biology:Life on (5) BIOSC 130 Principles of (5 Earth Cellular and Molecular Biology	ENG CS 30	Programming&Prob Solving	(4)			(4)
COMSC 255       Programming with Java (4         OR       Programming for Scientists and Engineers         As of F18, Course Number = ENG CS 36A       Figineers         ENG CS 40       Sftwr/Obj-Orien:C++       (4)         As of F18, Course Number = ENG CS 36B       Object Oriented Programming C++       (4)         ENG CS 50       Machine Dependent Prog       (4)       COMSC 260       Assembly Language Programming/Computer Organization       (4)         ENG CS 60       Data Structures & Programming       (4)       COMSC 210       Program Design and Data Structures       (4)         As of F18, Course Number = ENG CS 36C       Program Design and Data Structures       (4)       Data Structures       (4)         a) ENG BS 1       Biosys Engr Fndts       (4)       NO COMPARABLE COURSE       (4)       Data Structures         a) ENG MEC 50       Mfg Processes       (4)       NO COMPARABLE COURSE       (5)       ENG CHM 60       Engineering Problem Solv       (4)         a) ENG CHM 60       Engineering Problem Solv       (4)       NO COMPARABLE COURSE       (5)         ENG CHM 60       Chem Engr Profession (1)       NO COMPARABLE COURSE       (6)       (7)         ENG CHM 60       Chem Engr Profession (1)       NO COMPARABLE COURSE       (7)       (7)       (7)				COMSC 165		(4)
ENGIN 135       Programming for Scientists and Engineers       (4)         As of F18, Course Number = ENG CS 36A       ENG CS 40       Sftwr/Obj-Orien:C++       (4)         ENG CS 40       Sftwr/Obj-Orien:C++       (4)       COMSC 200       Object Oriented Programming C++       (4)         As of F18, Course Number = ENG CS 36B       ENG CS 50       Machine Dependent Prog       (4)       COMSC 260       Assembly Language Programming/Computer Organization       (4)         ENG CS 60       Data Structures & Programming       (4)       COMSC 210       Program Design and Data Structures       (4)         a) ENG BS 1       Biosys Engr Fndts       (4)       NO COMPARABLE COURSE       (4)         a) ENG MEC 50       Mfg Processes       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 51       Material Balances       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 80       Chem Engr Profession       (1)       NO COMPARABLE COURSE       (5)         ENGLISH 3       Intro to Lit       (4)       ENGL 122       Freshman English: Composition and Literature       (5)         COMUNCN 1       Intro Public Spkg       (4)       COMM 120       Public Speaking       (3)         COMUNCN 1       Intro Biology:Life on Earth       (5)       BIOSC 130				COMSC 255	Programming with Java	(4)
As of F18, Course Number = ENG CS 36A ENG CS 40 Sftwr/Obj-Orien:C++ (4) COMSC 200 Object Oriented Programming C++ As of F18, Course Number = ENG CS 36B ENG CS 50 Machine Dependent Prog (4) COMSC 260 Assembly Language (4 Programming/Computer Organization (4) COMSC 210 Program Design and (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) Data Structures (4) NO COMPARABLE COURSE (4) ENG BS 75 Prop Mat in Bio Sys (4) NO COMPARABLE COURSE (4) ENG CS 50 Mfg Processes (4) NO COMPARABLE COURSE (4) ENG CS 50 Mfg Processes (4) NO COMPARABLE COURSE (5) ENG CHM 51 Material Balances (4) NO COMPARABLE COURSE (5) ENG CHM 60 Engineering Problem Solv (4) COMPARABLE COURSE (4) ENG CHM 60 Chem Engr Profession (1) NO COMPARABLE COURSE (5) Composition and Reading (4) ENGL 122 Freshman English: (3) Composition and Reading (4) ENGL 123 Critical Thinking: (3) Composition and Literature (5) COMUNCN 1 Intro Fublic Spkg (4) COMM 120 Fublic Speaking (3) COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 120 Public Speaking (3) Communication (5) BIOSC 130 Principles of (2) Communication (5) BIOSC 130 Principles of (5) Cellular and Molecular Biology				·	Scientists and	(4)
As of F18, Course Number = ENG CS 36B       Programming C++         ENG CS 50       Machine Dependent Prog       (4)       COMSC 260       Assembly Language Programming/Computer Organization       (4)         ENG CS 60       Data Structures & (4)       COMSC 210       Program Design and Data Structures       (4)         As of F18, Course Number = ENG CS 36C       a) ENG BS 1       Biosys Engr Fndts       (4)       NO COMPARABLE COURSE         a) ENG BS 75       Prop Mat in Bio Sys       (4)       NO COMPARABLE COURSE       (4)         a) ENG MEC 50       Mfg Processes       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 51       Material Balances       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 60       Engineering Problem Solv       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 80       Chem Engr Profession       (1)       NO COMPARABLE COURSE       (4)         uWRITING 1       Expository Writing       (4)       ENGL 122       Freshman English: (3)       (3)         COMUNCN 1       Intro to Lit       (4)       ENGL 123       Critical Thinking: (3)       (3)         COMUNCN 3       Intprsnl Com Cmpetnce       (4)       COMM 128       Interpersonal (3)       (3)         COMUNCN 3       Intpr	As of F18	, Course Number = ENG CS	36A	I	EIGTHEELS	
ENG CS 50       Machine Dependent Prog       (4)       COMSC 260       Assembly Language Programming/Computer Organization       (4)         ENG CS 60       Data Structures &       (4)       COMSC 210       Program Design and Data Structures       (4)         As of F18, Course Number = ENG CS 36C       As of F18, Course Number = ENG CS 36C       (4)       NO COMPARABLE COURSE       (4)         a) ENG BS 1       Biosys Engr Fndts       (4)       NO COMPARABLE COURSE       (4)         a) ENG BS 75       Prop Mat in Bio Sys       (4)       NO COMPARABLE COURSE         a) ENG MEC 50       Mfg Processes       (4)       NO COMPARABLE COURSE         a) ENG CHM 51       Material Balances       (4)       NO COMPARABLE COURSE         ENG CHM 60       Engineering Problem Solv       (4)         a) ENG CHM 80       Chem Engr Profession       (1)       NO COMPARABLE COURSE         UWRITING 1       Expository Writing       (4)       ENGL 122       Freshman English: Composition and Literature       (3)         COMUNCN 1       Intro to Lit       (4)       ENGL 123       Critical Thinking: Composition and Literature       (3)         COMUNCN 1       Intro Fublic Spkg       (4)       COMM 120       Public Speaking       (3)         COMUNCN 3       Intprsnl Com Cmpetnce<		-		COMSC 200 	-	(4)
ENG CS 60       Data Structures & (4)       COMSC 210       Program Design and Data Structures       (4)         As of F18, Course Number = ENG CS 36C       a) ENG BS 1       Biosys Engr Fndts       (4)       NO COMPARABLE COURSE       (4)         a) ENG BS 75       Prop Mat in Bio Sys       (4)       NO COMPARABLE COURSE       (4)       NO COMPARABLE COURSE         a) ENG MEC 50       Mfg Processes       (4)       NO COMPARABLE COURSE       (4)         a) ENG CHM 51       Material Balances       (4)       NO COMPARABLE COURSE         a) ENG CHM 60       Engineering Problem Solv       (4)         a) ENG CHM 60       Engineering Problem Solv       (4)         a) ENG CHM 80       Chem Engr Profession       (1)       NO COMPARABLE COURSE         UWRITING 1       Expository Writing       (4)       ENGL 122       Freshman English:       (3)         COMUNCN 1       Intro to Lit       (4)       ENGL 123       Critical Thinking:       (3)         COMUNCN 1       Intro Public Spkg       (4)       COMM 120       Public Speaking       (3)         COMUNCN 3       Intprsnl Com Cmpetnce       (4)       COMM 128       Interpersonal       (3)         COMUNCN 3       Intro Biology:Life on       (5)       BIOSC 130       Principles o	ENG CS 50	Machine Dependent Prog			Programming/Computer Organization	(4)
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UWRITING 1       Expository Writing       (4)       ENGL 122       Freshman English: Camposition and Reading         ENGLISH 3       Intro to Lit       (4)       ENGL 123       Critical Thinking: Camposition and Literature         COMUNCN 1       Intro Public Spkg       (4)       COMM 120       Public Speaking       (3)         COMUNCN 3       Intprsnl Com Cmpetnce       (4)       COMM 128       Interpersonal Communication       (3)         BIOLSCI 2A       Intro Biology:Life on Earth       (5)       BIOSC 130       Principles of Cellular and Molecular Biology       (4)	ENG CHM 60	Engineering Problem Solv	(4)			
ENGLISH 3       Intro to Lit       (4)       ENGL 123       Critical Thinking: (3         COMUNCN 1       Intro Public Spkg       (4)       COMM 120       Public Speaking       (3)         COMUNCN 3       Intprsnl Com Cmpetnce       (4)       COMM 128       Interpersonal       (3)         BIOLSCI 2A       Intro Biology:Life on Earth       (5)       BIOSC 130       Principles of Cellular and Molecular Biology       (5)	a) ENG CHM 8	0 Chem Engr Profession	(1)	NO COMPARAB	SLE COURSE	
ENGLISH 3       Intro to Lit       (4) ENGL 123       Critical Thinking: Composition and Literature       (3) Composition and Literature         COMUNCN 1       Intro Public Spkg       (4) COMM 120       Public Speaking       (3) Communication         COMUNCN 3       Intprsnl Com Cmpetnce       (4) COMM 128       Interpersonal Communication       (3) Communication         BIOLSCI 2A       Intro Biology:Life on Earth       (5) BIOSC 130       Principles of Cellular and Molecular Biology       (5) Principles of Cellular Biology	UWRITING 1	Expository Writing	(4)	ENGL 122   	Composition and	(3)
COMUNCN 1       Intro Public Spkg       (4)   COMM 120       Public Speaking       (3)         COMUNCN 3       Intprsnl Com Cmpetnce       (4)   COMM 128       Interpersonal       (3)         BIOLSCI 2A       Intro Biology:Life on       (5)   BIOSC 130       Principles of       (5)         BIOLSCI 2A       Intro Biology:Life on       (5)   BIOSC 130       Principles of       (5)	ENGLISH 3			  ENGL 123   	Composition and	(3)
COMUNCN 3 Intprsnl Com Cmpetnce (4) COMM 128 Interpersonal (3 Communication BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5 Earth Cellular and Molecular Biology		Intro Public Spkg				
BIOLSCI 2A Intro Biology:Life on (5) BIOSC 130 Principles of (5) Earth   Cellular and   Molecular Biology	COMUNCN 3	Intprsnl Com Cmpetnce		COMM 128 	Interpersonal Communication	(3)
BIOLSCI 2B Intro Biology: Ecology (5) BIOSC 131 Principles of (5		Intro Biology:Life on	(5)		Principles of Cellular and	(5)
	BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOSC 131	Principles of	(5)

	& Evolution		Organismal Biology, Evolution and Ecology	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5) BIOSC 131   	Principles of Organismal Biology, Evolution and Ecology	(5)
f) GEOLOGY 50 m)	Physical Geology	(3) GEOL 120 	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4) NO COMPARAE 	BLE COURSE	
END OF MAJOR				

 $a\,)$  This articulation is approved for engineering majors.

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