16-18 General Catalog Quarter 17-18 General Catalog Semester

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

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

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

				PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)
a) (CHEM 2A	Genl Chemistry	(5)	CHEM 201	Physics General Chemistry I	(6)
				<u>OR</u> CHEM 201H 	General Chemistry I - Honors	(6)
a) (CHEM 2B	Genl Chemistry			General Chemistry I General Chemistry II	(6) (5)
a) I	ENGIN 17 ENGIN 35	Graphics in Design Circuits I Statics Prop of Mats	(4) (4)	ENGR 153 ENGR 152 ENGR 151 &	Electrical Circuits	(4) (3) (3) (1)
a) I	ENGIN 6	Engr Prob Solving OR	(4)	NO COMPARABI	LE COURSE OR	
a) I	ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111	_	(3)
				CMPSCI 235	C Programming	(3)
: : 	course in a	or admission. Students many higher level language in the street physical sciences,	inter	nded for stud	dents majoring	
a) (JWRIIING I	Expository Writing	(4)	<u>OR</u>	English Composition	(3)
		OR		ENGL 101H 	Honors - English Composition OR	(4)
a) I	ENGLISH 3	Intro to Lit	(4)		RTICULATED: College has ourse(s)for articulation	
cour care	t of its lorses in English the	ajors, the College of Engower-division preparation glish composition for traits second course could her your college counselor Office at (530)752-1979	n. He ansfe elp : or :	owever, the T er admission satisfy gener the UC Davis	University requires two eligibility. When chose ral education requiremen College of Engineering	en

a) COMUNCN 1	Intro Public Spkg	(4) COMS 105	Fundamentals of Public Speaking	(3)
	OR	COMS 105H	Fundamentals in Public Speaking- Honors OR	(3)
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COMS 246	Interpersonal Communication	(3)

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

ONE COURSE FR	ONE COURSE FROM THE FOLLOWING:							
AF-AMST 10 Af-Am Culture & Soc AF-AMST 12 Intro Afro Studies								
ONE COURSE FR	OM TI	E FOLLOWING:						
AF-AMST 15 Intro Afro Amer Hum (4) NO COMPARABLE COURSE								
		NO COMPARABLE C						
	(4)	NO COURSE ARTIC	ULATED: College has not					
			e(s)for articulation					
AF-AMST 50 Blk Images Pop Cult AF-AMST 51 History Af-Amr Dance								
AF-AMST 52 Afr Tradit Relig								
AF-AMST 80 Black Politics								
ONE COURSE FR	 OM TI	FOLLOWING:						
ONE COURSE PA	OM 11	E FOLLOWING.						
ANTHRO 2 Cultural Anthropology	(4)		ultural (3) nthropology					
As of W17, units=5	(4)							
			roeconomics (3)					
ECON 1B Princ of Macroecon SOCIOL 1 Intro Sociology			roeconomics (3) roduction to (3)					
bocion i mero bociorogy	(3)		iology					
POL SCI 1 Amer Natl Govt	(4)		ntroduction to (3)					
			merican Government					
	(4)		nd Politics					
POL SCI 2 Intro Comp Politics	(4)		omparative (3) overnment and					
			olitics					
PSYCH 1 General Psychology	(4)		ntroduction to (3)					
. 51			sychology					
		OR 1 0.1						
			ntroduction to (3) sychology - Honors					
ONE COURSE FR	OM TI	E FOLLOWING:						
CHICANO 10 Intro to Chic Std								
N A STD 10 NA Experience		NO COMPARABLE C						
N A STD 10 NA Experience AMR STD 10 Intro American Studies								
1111 512 10	(- /		e(s) for articulation					
A A STD 1 Hist Exp Asian Am	(4)	NO COMPARABLE C	OURSE					
A A STD 2 Contemp Issues of Asian	(4)	NO COMPARABLE C	OURSE					
Americans WOM STD 50 Intro Gender Studies	(1)	NO COIDCE ADELO	III ATED: College beg not					
		submitted cours	e(s) for articulation					
TWO COURSES F		THE FOLLOWING:						
HISTORY 15 Intro African Hist Course discontinued as of S18	(4)	NO COMPARABLE C	OURSE					
	(4)	HIST 111 Uni	ted States History (3)					
		I						
HISTORY 17B U.S. History	(4)	HIST 112 Uni	ted States History (3)					

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

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

American Government and Politics ______

A MINIMUM OF 8 OHAPTED HINTTS FROM FACH OF THE FOLLOWING AREAS.

Α	MINIMUM OF 8 QUARTER UNITS	FROM EACH OF THE FOLLOWING AREAS:
AN SCI 1	Domest Ani & People	(4) NO COMPARABLE COURSE
AN SCI 2	Intro Animal Sci	(4) NO COMPARABLE COURSE
AN SCI 21	Livestock&Dairy Jdg	(2) NO COMPARABLE COURSE
AN SCI 41	Domestic Ani Prod	(2) NO COMPARABLE COURSE
ABIOSYT 16	Metal Prop & Fabr	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
ABIOSYT 49	Fld Equip Oper	(2) NO COMPARABLE COURSE
ABIOSYT 52	Field Equip Welding	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
AGRESEC 15	Pop,Envr,World Agri AND	(4) NO COMPARABLE COURSE
ECON 1A	Princ of Microecon OR	(4) ECON 202 Microeconomics (3) OR
ECON 1B	Princ of Macroecon	(4) ECON 201 Macroeconomics (3)
ENVHORT 1	Intro Envhort/Urb For	(3) NO COMPARABLE COURSE

ENVHORT 6 Intro Environ Plants (4) NO COMPARABLE COURSE PL SCI 5 Plants Gard, Orch & Land (2) NO COMPARABLE COURSE

FORMERLY PLANT BIO 1

ENV S&P 10 Current Issues in (3) NO COMPARABLE COURSE

Environment

ENV S&P 10 not open for credit to ENV TOX 10 Intro Environ Toxicology		ents who have completed ENV S&P 1 NO COMPARABLE COURSE
	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PL SCI 1 Agr Nature & Society PL SCI 2 Bot Physio Cul Plt PL SCI 15 Intro Sustainable Agriculture PL SCI 49 Org Crop Prod Prac VIT-ENO 2 Intro to Viticult	(4) (4) (3)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COURSE
VIT-ENO 3 Intro Winemaking	(3)	NO COMPARABLE COURSE
ALL OF THE P	OLLO	WING COURSES:
BIOLSCI 2A Intro Biology:Life on Earth	(5)	Cellular Biology OR
DIOLOGI OD Tutus Dislama Daslama	(5)	Cellular Biology - Honors
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I (6)
		CHEM 202 General Chemistry II (5)
f) GEOLOGY 1 The Earth GEOLOGY 20 California Geology SOILSCI 10 Soils in Our Environment	(2)	GEOL 101 Physical Geology (3) GEOL 105 Geology of California (3) NO COMPARABLE COURSE
MATH 16A Short Calculus MATH 16B Short Calculus OR		MATH 211
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B Calculus for Biosci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A Calculus	(4)	OR MATH 211 Calculus I (5)
MATH 21B Calculus		MATH 212 Calculus II (5)
PHYSICS 7A General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYSIC 111
It is highly recommended that student	s coi	

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

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

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

Special Advising Note:

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

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College Foreign Language Requirement Note:

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

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

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.

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

ONE COURSE FROM THE FOLLOWING:

AMR STD 1A Science and American (4) NO COMPARABLE COURSE Culture

AMR STD 1B Relig in Am Lives (4) NO COMPARABLE COURSE

AMR STD 1C A	merican Lives	(4)	NO COMPARABLE COURSE
			NO COMPARABLE COURSE
AMR STD 5 Te	ch in Amr Lives	(4)	NO COMPARABLE COURSE
	bjects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 25 U	.S. as Business	(4)	NO COURSE ARTICULATED: College has not
C	ulture		submitted course(s) for articulation
AMR STD 30 A	mr Images Pop Cult	(4)	NO COMPARABLE COURSE
AMR STD 55 F	ood in Amer Culture	(4)	NO COURSE ARTICULATED: College has not
Same as: FD	S&T 55		submitted course(s) for articulation
AMR STD 59 M	usic and American	(4)	NO COURSE ARTICULATED: College has not
C	ulture		submitted courses for articulation
			·
	ONE COURSE FRO	OM TI	HE FOLLOWING:
AF-AMST 10 A	f-Am Culture & Soc	(4)	NO COMPARABLE COURSE
	st Exp Asian Am		
CHICANO 10 I	ntro to Chic Std	(4)	NO COMPARABLE COURSE
N A STD 1 In	ntro to Chic Std tro NA Studies	(4)	NO COMPARABLE COURSE
			'
	ONE COURSE FRO	OM T	HE FOLLOWING:
ANTHRO 2 Cul	tural Anthropology	(4)	ANTHRO 103 Cultural (3)
12111110 2 001	earar inicine epocogy	(- /	Anthropology
As of W17, unit	.s=5		1
SOCIOL 2 Sel	f and Society	(4)	NO COMPARABLE COURSE
WOM STD 50 I	ntro Gender Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	ONE COURSE FRO)M Ti	HE FOLLOWING:
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3)
			I
HISTORY 17B	U.S. History	(4)	HIST 112 United States History (3)
			II
	Am Women & Gender	. ,	I .
HISTORY 72B	Am Women & Gender	(4)	NO COMPARABLE COURSE
	ONE COURSE FRO	M T	HE FOLLOWING:

FILM ST 1

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

Formerly Humanities 10

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

*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:

Advanced Placement (AP) and international Baccalaureate (1B) 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)	Cellular Biology
			<u>OR</u>
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology	(5)	1
2102001 22	& Evolution	(3)	Environmental Biology
BIOLSCI 2C	Intro Biology:	(5)	1
	Biodiversity & the Tree of Life	2	Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry		CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
G11704 1107	OR	(4)	OR
			CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5)
CHEM 110B	org chem, hich & sci	(4)	CHEM 256 Organic Chemistry I (5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B			MATH 212 Calculus II (5)
MATH 16C	Short Calculus OR	(3)	MATH 212 Calculus II (5) OR
MATH 17A		(4)	NO COURSE ARTICULATED: College has not
M			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus		MATH 211 Calculus I (5)
MATH 21B			MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
DUVCTCC 7C	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
PHIBICS /C	General Physics	(4)	PHYSIC 111 General Physics II (4)
			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
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory (4)
	STATIST 13Y	/	Statistics
			<u>OR</u>
			MATH 140H Introductory (4)
			Statistics - Honors
			<u>OR</u>

Benavioral Sciences

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

END OF MAJOR

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

Special Advising Note:

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lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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	Domest Ani & People Intro Animal Sci	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSCI 107 Molecular and Cellular Biology	(4)
		BIOSCI 107H Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSCI 106 Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	· · · · · · · · · · · · · · · · · · ·	(4)
CHEM 2A	Genl Chemistry	(5) CHEM 201 General Chemistry I	(6)
		CHEM 201H General Chemistry I - Honors	
CHEM 2B	Genl Chemistry	(5) CHEM 201 & General Chemistry I General Chemistry II	
	Organic Chem-Brief Organic Chem-Brief	(2) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE	
PL SCI 21	Computers in Technology OR	(3) NO COMPARABLE COURSE OR	
B) ENG CS 1	5 Intro to Computers	(4) NO COMPARABLE COURSE	

ECON 1A	Princ of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B	Princ of Microecon Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
мсмт 11д	Elem Accounting	(4)	BIIS 201 &	Principles of	(5)
110111 1111	Tiem necouncing	(- /	-	Accounting I	(3)
			ן סוום אום	Principles of	(5)
			BUS ZUZ	Accounting II	(3)
MCMT 11D	Elem Accounting	(1)	 NO COMDAD:	ABLE COURSE	
MGMI IID	Elem Accounting	(4)	INO COMPARA	ADLE COURSE	
MATH 16A	Short Calculus	(2)	 мати 211		(5)
		(3)	MAID ZII Marri 212	Calculus I	
MATH 16B MATH 16C	Short Calculus	(3)	MAIH ZIZ	Calculus II Calculus II	(5)
MAIH 16C		(3)	MAIH ZIZ		(5)
MA COLL 1 7 A	OR	(1)	 NO GOUDGE	OR	1
MATH I/A	Calculus for BioSci	(4)			
MARKE 100	a 1 1 c p' '	(4)		course(s) for articul	
MATH 17B	Calculus for Biosci	(4)		ARTICULATED: College	
				course(s) for articul	
MATH 17C	Calculus for BioSci	(4)			
			submitted	course(s) for articul	ation
_	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I Calculus II Calculus III	(5)
MATH 21B MATH 21C	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
	AREAS OF	SPECI	ALIZATION:		
	AQUATIC A	ANIMAL	S SPECIALIZ	ZATION	
777 GGT 10	T 1 7 7 7 1	(4)	laro governa	ADI E. GOLIDGE	
AN SCI 18	Intro Aquaculture	(4)	NO COMPARA	ABLE COURSE	
	COMPANION	ANIMA	LS SPECIAL	IZATION	
AN SCI 42	Intro Comp Ani Bio	(4)	NO COMPARA	ABLE COURSE	
	DAIRY SI	PECIAL	IZATION		
AN SCI 41	Domestic Ani Prod Domest An Prod Lab	(2)	NO COMPARA	ABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)	NO COURSE	ARTICULATED: College	has not
			submitted	course(s)for articula	ation
	EQUITIE (LIZATION		
	EQUINE :	SPECIA.	LIZATION		
AN SCI 15	Intro Horse Husb	(3)	NO COMPARA	ABLE COURSE	
	LIVESTOCE	K SPEC	IALIZATION		
		, = .	laro		
AN SCI 41	Domestic Ani Prod Domest An Prod Lab	(2)	NO COMPARA	ABLE COURSE	
AN SCI 41L	Domest An Prod Lab	(2)			
			submitted	course(s)for articula	ition
	POULTRY	SPECIA	ALIZATION		
AV SCI 11	Intro Poultry Sci	(3)	NO COMPARA	ABLE COURSE	
			•		
			- (40		
	RESTRICTED ELI	ECTIVE	S (12 QUAR	rer units):	
AGRESEC 18	Business Law	(4)	NO COMPARA	ABLE COURSE	

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

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

Special Advising Note:

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

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

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

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	Domestic Ani Prod	(4) (2)	NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
MATH 16A MATH 16B	Short Calculus Short Calculus OR	(3)	MATH 211
MATH 17A	· ·	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not

	OR	submitted course(s) for articulation OR				
MATH 21A MATH 21B	Calculus Calculus	(4) MATH 211 Calculus I (5) (4) MATH 212 Calculus II (5)				
	AREAS OF	SPECIALIZATION:				
	AQUA	TIC ANIMALS				
AN SCI 18	Intro Aquaculture	(4) NO COMPARABLE COURSE				
	AVIAN	SCIENCES				
	Birds,Humans & Env	(3) NO COMPARABLE COURSE				
	COMPANION A	ND CAPTIVE ANIMALS				
AN SCI 42	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE				
	EQUIN	E SCIENCE				
AN SCI 15	Intro Horse Husb	(3) NO COMPARABLE COURSE				
	LABORA	TORY ANIMALS				
	Intro Comp Ani Bio	(4) NO COMPARABLE COURSE				
		ULTRY				
AV SCI 11	Intro Poultry Sci	(3) NO COMPARABLE COURSE				
END OF MAJO	DR					
Special Adv	====Anth vising Note:	ropology A.B.====				
as possible the major h	e for their major before	sed to complete as many preparatory courses enrolling at UC Davis. Preparing well for iently toward graduation and significantly				
see the UC complete UC fall enroll recommended	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 Ad	lmission Guarantee (TAG)	Note:				
here for ge	ner requirements to obtai eneral transfer admission ucdavis.edu for details					

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College Foreign Language Requirement Note:

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

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EVOLUTIONARY EMPHASIS: (4) ANTHRO 101 Physical ANTHRO 1 Human Evol Biol (3) Anthropology ANTHRO 101H Physical Anthropology -Honors ANTHRO 2 Cultural Anthropology (4) ANTHRO 103 Cultural (3) Anthropology As of W17, units=5 ANTHRO 3 Intr to Archaeology (4) ANTHRO 105 Introduction to (3) Archeology ______

ONE COURSE FROM THE FOLLOWING:

ANTHRO	15	Human Life Cycle	(5)	NO COMPARA	ABLE COURSE	
ANTHRO	23	Intr World Prehist	(4)			College has not
				submitted	course(s)for	articulation
ANTHRO	24	Ancient Crops and People	(4)			_
				submitted	course(s) for	r 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

ONE COURSE FROM THE FOLLOWING:

ANTHRO 13	Sci Method in Physical Anthropology	(4)		ARTICULATED: College has course(s) for articulat.	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	!	Introductory Statistics	(4)
2			OR MATH 140H	Introductory	(4)
			OR	Statistics - Honors	

STATIST 32	Stat Anlys Thru Comp	PSYCH 104 Statistics for the Behavioral Sciences (4) NO COMPARABLE COURSE	(3)
	title = Gateway to Data S		
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE	
ANTHRO 2	Cultural Anthropology	ULTURAL EMPHASIS: (4) ANTHRO 103 Cultural	(3)
ANIAKO Z	Cultural Anthropology	Anthropology	(3)
As of W17,	units=5	Antinopology	
	TWO COURSES	FROM THE FOLLOWING:	
ANTHRO 1	Human Evol Biol	(4) ANTHRO 101 Physical Anthropology	(3)
		OR	
		ANTHRO 101H Physical Anthropology - Honors	(3)
ANTHRO 3	Intr to Archaeology	(4) ANTHRO 105 Introduction to Archeology	(3)
ANTHRO 4	Anthro Linguistics	(4) NO COMPARABLE COURSE	

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

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

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

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			OR	151	
			ANTHRO 101H	Physical Anthropology - Honors	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17,	units=5		•		
ANTHRO 3	Intr to Archaeology	(4)	ANTHRO 105 	Introduction to Archeology	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 BIOSCI 107 	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
			· —	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
	One of Cham Dai of	(2)	LNO COMPADAD	T. F. COUDGE	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARAB		
CHEM OD	OR	(1)	COMPARAD	OR	
CHEM 118A		(4)	CHEM 255	Organic Chemistry I	(5)
	Org Chem, Hlth & Sci		CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
MATH 16A	Short Calculus	(3)	 MATH 211	Calculus I	(5)
MATH 16B	Short Calculus			Calculus II	(5)

MATH 16C	Short Calculus OR	(3)	MATH 212 	Calculus II OR	(5)			
MATH 17A	Calculus for BioSci	(4)		ARTICULATED: College has course(s) for articulation				
MATH 17B	Calculus for Biosci	(4)	1	ARTICULATED: College has course(s) for articulatio				
MATH 17C	Calculus for BioSci	(4)	NO COURSE	ARTICULATED: College has course(s) for articulatio	not			
	OR		j	OR				
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)			
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)			
MATH 21B MATH 21C	Calculus			Calculus I Calculus II Calculus III	(5)			
	ONE COURSE FROM THE FOLLOWING:							
	Sci Method in Physical							
	Anthropology Intro Social Rsch		submitted	<pre>course(s) for articulatio</pre>	n			
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARA	ABLE COURSE				
	Elementary Statistics	(4)	MATH 140		(4)			
Same as:	STATIST 13Y			Statistics				
			OR 1		(4)			
			MATH 140H	Introductory	(4)			
			0.0	Statistics - Honors				
			DOVOU 104	Statistics for the	(2)			
			PSICH 104		(3)			
פיימידפיי פיימיי	Stat Anlys Thru Comp	(4)	1					
As of F18,	title = Gateway to Data Sci	ience		ADDE COORDE				
	RECOMMENDED COUR		FOR THIS N	 MAJOR:				
ANTHRO 15	Human Life Cycle	(5)	NO COMPARA	ABLE COURSE				
	Evolution and Human				not			
	Nature			<pre>course(s)for articulation</pre>				
f) GEOLOGY	l The Earth	(4)	GEOL 101	Physical Geology	(3)			
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to	(3)			
				Psychology				
			OR					
			PSYCH 101E	Introduction to	(3)			
				Psychology - Honors				

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.10/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.org/10.2016/journal.o

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:

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Recommended Language Preparation Note:

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

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

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

MATH	21A	Calculus	(4) MATH 211	Calculus I	(5)
MATH	21B	Calculus	(4) MATH 212	Calculus II	(5)
MATH	21C	Calculus	(4) MATH 213	Calculus III	(5)
MATH	21D	Vector Analysis	(4) MATH 213	Calculus III	(5)
		Or hig	h school equivaler	nt	
MATH	22B	Differntl Equations	(3) MATH 215	Differential Equ	ations (3)
MATH	25	Advanced Calculus	(4) NO COURSE	ARTICULATED: Colle	ge has not
			submitted	course(s) for arti	culation
MATH	22AL	Lin Alg Comp Lab	(1) NO COURSE	ARTICULATED: Colle	ge has not
			submitted	course(s)for artic	ulation
		or equivalent basic	knowledge of MATI	LAB.	
		BOTH OF T	THE FOLLOWING COURS	SES:	
MATH	22A	Linear Algebra	(3) MATH 214	Linear Algebra	(3)

AND

MATH 108 Intro Abstract Math

		OR SELECT	THE FO	LLC	WING CO	OURSE:				
MATH 67	Modern Linear	Algebra	(4)	NO	COURSE	ARTICULATE	D:	College	has	not
			I	suk	mitted	course(s)	for	r articul	Latio	on

AND

(4) This course must be taken at UC Davis

NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students

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

ENG CS 30	Programming&Prob Sc	olving ((4) CMPSCI 	111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR			
			CMPSCI	235	C Programming	(3)
As of F18	, Course Number = EN	NG CS 36	5A			
ENG CS 40	Sftwr/Obj-Orien:C++	+ ((4) CMPSCI 	236	C++ Object Oriented Programming	(3)
As of F18	, Course Number = EN	NG CS 36	5B			

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.

dericiencies.

STUDENTS WILL NEED TO CHOOSE ON	E OF	THE FOLLOWING TWO-COURSE SEQUENCES:	
BIOLSCI 2A Intro Biology:Life on	(5)	I	(4)
Earth		Cellular Biology OR	
		!	(4)
		Cellular Biology -	(- /
		Honors	
BIOLSCI 2B Intro Biology: Ecology	(5)	!	(4)
& Evolution		Environmental Biology	
OR		BIOLOGY OR	
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I	(6)
		<u>OR</u>	
		CHEM 201H General Chemistry I -	(6)
CHEM 2B Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I	(6)
CHERT ED CONT. CHEMIDOLY	(3)	-	(5)
OR		OR	
ECON 1A Princ of Microecon		I	(3)
ECON 1B Princ of Macroecon OR	(4)	ECON 201 Macroeconomics OR	(3)
PHYSICS 9A Classical Physics	(5)	<u> </u>	(4)
2	(-)	Scientists and	. ,
		Engineers: Mechanics	
		of Solids and	
		Fluids PHYSIC 221 & Physics for	(4)
		Scientists and	(1)
		Engineers:	
		Electricity and	
		Magnetism	
		PHYSIC 222 Physics for Sci and Engrs: Waves, Heat,	(4)
		Optics and Modern	
		Physics	
PHYSICS 9B Classical Physics	(5)	PHYSIC 220 & Physics for	(4)
		Scientists and	
		Engineers: Mechanics	
		of Solids and Fluids	
			(4)
		Scientists and	. ,
		Engineers:	
		Electricity and	
		Magnetism PHYSIC 222 Physics for Sci and	(4)
		Engrs: Waves, Heat,	(1
		5-2	

Optics and Modern Physics

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

END OF MAJOR

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

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

					Optics and Modern Physics	
PHYSICS 9D	Modern Physics	(4)	NO CO	OMPARABL	E COURSE	
	OR				OR	
PHYSICS 9HA	Honors Physics	(5)	NO CO	OMPARABL	E COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO CO	OMPARABL	E COURSE	
PHYSICS 9HC	Honors Physics	(5)	NO CO	OMPARABL	E COURSE	
PHYSICS 9HD	Honors Physics	(5)	NO CO	OMPARABL	E COURSE	
PHYSICS 9HE	Honors Physics	(5)	NO CO	OMPARABL	E COURSE	
MATH 21A	Calculus	(4)	 MATH	211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH	212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH	213	Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
PHYSICS 80	Experimental Techniques	(4)				
ENG CS 30	Programming&Prob Solving	(4)	 CMPS0 	CI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			(OR		
			CMPS	CI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

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

CHEMICAL PHYSICS CONCENTRATION CHEM 2A Genl Chemistry (5) CHEM 201 General Chemistry I (6) OR |CHEM 201H General Chemistry I - (6) Honors (5) CHEM 201 & General Chemistry I CHEM 2B Genl Chemistry (6) CHEM 202 General Chemistry II (5) CHEM 2C Genl Chemistry (5) CHEM 202 General Chemistry II (5) ______ COMPUTATIONAL PHYSICS CONCENTRATION Sftwr/Obj-Orien:C++ (4) CMPSCI 236 C++ Object Oriented (3) Programming As of F18, Course Number = ENG CS 36B PHYSICAL ELECTRONICS CONCENTRATION (4) ENGR 153 Electrical Circuits (4) ENGIN 17 Circuits I PHYSICAL OCEANOGRAPHY CONCENTRATION (5) CHEM 201 General Chemistry I (6) CHEM 2A Genl Chemistry OR CHEM 201H General Chemistry I - (6) Honors OR Honors Genl Chemistry (5) NO COURSE ARTICULATED: College has not CHEM 2AH |submitted course(s) for articulation

END OF MAJOR

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

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

Transfer Admission Guarantee (TAG) Note:

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

College Foreign Language Requirement Note:

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

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

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

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FOUR COURSES FROM THE FOLLOWING: ARTHI 1A Ancient Mediterranean Art (4) ART 110 Art History: Ancient to (3) Medieval ARTHI 1B Mediev&Renaiss Art (4) ART 110 & Art History: Ancient to (3) Medieval ART 111 Art History: (3) Renaissance to Modern (4) ART 111 Art History: ARTHI 1C Baroque to Modern Art (3) Renaissance to Modern ARTHI 1D Arts of Asia (4) NO COMPARABLE COURSE

ARTHI 1E Islamic Art & (4) NO COURSE ARTICULATED: College has not Architecture submitted course(s) from (4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE ARTHI 5 Visual Culture ARTHI 25 Understanding Architecture

ONE ART STUDIO COURSE FROM:

ART	2	Beginning Drawing	(4)	ART 124A	Drawing I ((3)
ART	5	Beginning Sculpture	(4)	ART 235	Sculpture ((3)
ART	7	Beginning Painting	(4)	ART 227	Painting I ((3)
ART	8	Beginning Ceramic Sculpture	(4)	NO COURSE	ARTICULATED: College has n	ıot
				submitted	course(s) for articulation	1
ART	9	Beginning Photography	(4)	NO COURSE	ARTICULATED: College has n	ıot
				submitted	course(s) for articulation	1
ART	11	Beginning Printmaking	(4)	NO COURSE	ARTICULATED: College has n	ıot
				submitted	course(s) for articulation	1
ART	12	Beginning Video	(4)	NO COURSE	ARTICULATED: College has n	ıot
				submitted	course(s) for articulation	1
ART	24	Intro Experimental Video	(4)	NO COURSE	ARTICULATED: College has n	ıot
		and Film		submitted	course(s) for articulation	1
TEATT	OF M	A TOD				

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

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

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

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FOUR COURSES FROM THE FOLLOWING:								
ART 2	Beginning Drawing	(4)	ART 124A Drawing I (3)					
ART 5	Beginning Sculpture	(4)	ART 235 Sculpture (3)					
ART 7	Beginning Painting	(4)	ART 227 Painting I (3)					
ART 8	Beginning Ceramic Sculpture	(4)	NO COURSE ARTICULATED: College has not					
			submitted course(s) for articulation					
ART 9	Beginning Photography	(4)	NO COURSE ARTICULATED: College has not					
			submitted course(s) for articulation					
ART 11	Beginning Printmaking	(4)	NO COURSE ARTICULATED: College has not					
			submitted course(s) for articulation					
ART 12	Beginning Video	(4)	NO COURSE ARTICULATED: College has not					
			submitted course(s) for articulation					
	TWO LECTURE COURSES CHO	SEN	FROM THE FOLLOWING:					
ART 24	Intro Experimental Video	(4)	NO COURSE ARTICULATED: College has not					
	and Film		submitted course(s) for articulation					
ART 30	Contemp Vis Culture	(4)	NO COMPARABLE COURSE					
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110 Art History: Ancient to (3)					
			Medieval					
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110 & Art History: Ancient to (3)					
			Medieval					
			ART 111 Art History: (3)					
			Renaissance to Modern					
ARTHI 1C	Baroque to Modern Art	(4)	ART 111 Art History: (3)					
			Renaissance to Modern					
ARTHI 1D	Arts of Asia	(4)	NO COMPARABLE COURSE					
ARTHI 1E	Islamic Art &	(4)	NO COURSE ARTICULATED: College has not					
	Architecture		submitted course(s) for articulation					
ARTHI 5	Visual Culture	(4)	NO COMPARABLE COURSE					
ARTHI 25	Understanding	(4)	NO COMPARABLE COURSE					
	Architecture							
END OF MA	A.TOP							

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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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.

A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
A A STD 3	Social & Psychological	(4)	NO COURSE ARTICULATED: College has not
	Perspectives of Asian		submitted course(s) for articulation
	Americans		
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 COMPARABLE COURSE
AF-AMST 16	African Verbal Arts	(4)	NO COMPARABLE COURSE
AF-AMST 17	Women in Africa	(4)	NO COMPARABLE COURSE
AF-AMST 18	Intro Caribbean Studies	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AF-AMST 50	Blk Images Pop Cult	(4)	NO COMPARABLE COURSE
AF-AMST 51	History Af-Amr Dance	(4)	NO COMPARABLE COURSE
AF-AMST 52	Afr Tradit Relig	(4)	NO COMPARABLE COURSE
AF-AMST 80	Black Politics	(4)	NO COMPARABLE COURSE
AMR STD 1A	Science and American	(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 COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 21	Objects & Everyday Life	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
AMR STD 25	U.S. as Business	(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

	Music and American	(4)	NO COURSE ARTICULATED: College has not
	Culture		submitted courses for articulation
	Intro to Chic Std	. ,	NO COMPARABLE COURSE
	Hlth Care Issues		NO COMPARABLE COURSE
	US Poli & Chicanos		NO COMPARABLE COURSE
CHICANO 40	Comparative Health	(4)	NO COURSE ARTICULATED: College has not
G G	al ! a l .	(4)	submitted course(s) for articulation
	Chicano Culture	. ,	NO COMPARABLE COURSE
	Chicana and Chicano	(4)	NO COMPARABLE COURSE
	Representn in Cinema	(4)	
	New Latin American	(4)	NO COURSE ARTICULATED: College has not
	Cinema	(1)	submitted course(s) for articulation
	Survey Chic Art		NO COMPARABLE COURSE
	Art Expr Silk Scr ntro NA Studies		NO COMPARABLE COURSE
·-	ntro NA Studies ntro NA Literature	. ,	NO COMPARABLE COURSE
			NO COMPARABLE COURSE
N A STD 7 I	ndig & Minority Langs	(4)	NO COURSE ARTICULATED: College has not
N 7 CED 10	NA Danie and an are	(1)	submitted course(s)for articulation
	NA Experience		NO COMPARABLE COURSE
	Native Amer/Indigenous	(4)	NO COURSE ARTICULATED: College has not
	Film	(1)	submitted course(s)for articulation
-	NA Music & Dance		NO COMPARABLE COURSE
	Intro NA Art		NO COMPARABLE COURSE
	NA Art Workshop	٠,	NO COMPARABLE COURSE
WOM STD 20	Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
MOM CEED OF	Candon C Clabal Cinoma	(1)	submitted course(s) for articulation
WOM STD 25	Gender & Global Cinema	(4)	NO COURSE ARTICULATED: College has not
NOW CEED FO	Total Garden Ghadian	(1)	submitted course(s) for articulation
WOM STD 50	Intro Gender Studies	(4)	NO COURSE ARTICULATED: College has not
MOM CED CO	Daniel et Geitien	(1)	submitted course(s) for articulation
WOM STD 60	Feminist Critiques	(4)	NO COURSE ARTICULATED: College has not
NOW CED 70	G	(1)	submitted course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE ARTICULATED: College has not
አጥ ተውአ	ST TWO COURSES FROM THE	EOT.	submitted course(s) for articulation
	ci Method in Physical		NO COURSE ARTICULATED: College has not
	nthropology	(+)	submitted course(s) for articulation
	ual Culture	(4)	NO COMPARABLE COURSE
	Art Appreciation		ART 205 Landmarks of Art and (3)
AKI IO FINE	Alt Appleciation	(3)	Visual Culture
As of W17, uni	ta = 4		Visual Culture
	emp Vis Culture	(4)	NO COMPARABLE COURSE
	Qualitative Research		NO COURSE ARTICULATED: College has not
	Methods	(1)	submitted course(s) for articulation
	Approaches to Reading	(4)	NO COMPARABLE COURSE
	Orientation to Research		!
	in NAS	(1)	COURT WINDER COOKER
	itical Reasoning	<i>(\(\D</i> \)	 PHILOS 106
	Scientific Study of		NO COURSE ARTICULATED: College has not
	Politics	(+)	submitted course(s) for articulation
	search Methods	(4)	PSYCH 103 Introduction to (3)
IDICII TI KE	Scarcii ricciious	(1)	Behavioral Research
SOCIOL 46A	Intro Social Rsch	<i>(\(\D</i> \)	NO COMPARABLE COURSE
	Intro Social Rsch		NO COMPARABLE COURSE
	Elementary Statistics		MATH 140 Introductory (4)
Same as: ST		(+)	Statistics
same as. SI	WIINI INI		OR
			<u>OR</u> MATH 140H Introductory (4)
			Statistics - Honors
			OR Statistics - Honors
			PSYCH 104 Statistics for the (3)
			Behavioral Sciences
			Delia violai poielices

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

ASSIST for more information about UC Davis GE.

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

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

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

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

PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARAB	LE COURSE
CHEM 2A	Genl Chemistry	(5) CHEM 201 OR	General Chemistry I (6)
		CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5) CHEM 201 & CHEM 202	General Chemistry I (6) General Chemistry II (5)
ENG CS 30	Programming&Prob Solving	(4) CMPSCI 111 	Introduction to (3) Computer Algorithms and Programming/JAVA
		OR CMPSCI 235	C Programming (3)

As of F18, Course Number = ENG CS 36A

or a course selected with advisor's approval

MATH 22A	Calculus Calculus	(4) (4) (4) (3)	MATH 2 MATH 2 MATH 2 MATH 2	12 13 13 14	Ca Ca Ca Li		(5)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COM	PARAE	BLE	COURSE	
PHYSICS 9A	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)

							Physics	
PHYSICS 9B	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
STATIST 13 Same as:	Elementary STATIST 13Y	Statistics	(4)	MATH 14 OR	10		Introductory Statistics	(4)
				<u>OR</u> MATH 14 OR	10н		Introductory Statistics - Honors	(4)
				PSYCH 1	L04		Statistics for the Behavioral Sciences	(3)

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

Transfer applicants must also complete all lower-division courses required for their specific engineering major as listed below under courses "Required for Admission" with a cumulative GPA of 3.20 or higher for those courses completed at the time of application and through the transfer academic update filing period. Before submitting a UC application, students must have already achieved a cumulative GPA of 3.20 or higher in required lower-division major coursework

completed. If one course from the group is completed at the time the application is submitted, the grade for that one course must be B+ or better. If two or more courses from the group are completed at the time the application is submitted, the GPA for those courses combined must be a 3.20 or higher.

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

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

)

)

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

	OR BIOSCI 107H	Molecular and Cellular Biology - Honors	(4)			
ENG CHM 60 Engineering Problem Solv (4) a) ENG CS 30 Programming&Prob (4) Solving	CMPSCI 111	Introduction to Computer Algorithms and Programming/JAVA	(3)			
OR a) ENGIN 6 Engr Prob Solving (4)	OR CMPSCI 235 NO COMPARABLE	C Programming OR COURSE	(3)			
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 101	English Composition	(3)			

a) UWRITING 1 Expository Writing (4) ENGL 101 English Composition (3)

OR

ENGL 101H Honors - English (4)

Composition

OR

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

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

REQUIRED FOR GRADUATION:

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

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

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

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Mathematics 17A/B/C <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 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 $\underline{\text{General Catalog}}$. 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)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	Calculus for BioSci		NO COURSE ADMICENTAGED. Collings by the
MATH 17A	Calculus for Bloser	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(1)	NO COURSE ARTICULATED: College has not
MAIH 1/B	Calculus for Blosci	(=)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
HAIII 17C	carcaras for brober	(1)	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
			·
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIMIGES 55	a l pl	(4)	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
T 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1 1 1 1 1 1 1 1 1		PHYSIC 111 General Physics II (4)

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

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

physics.	OR		I	OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220		(4)
			PHYSIC 221		(4)
			PHYSIC 222		(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220	-	(4)
			PHYSIC 221	E Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222	_	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220		(4)
			PHYSIC 221		(4)
			 PHYSIC 222 	5	
CHEM 118A	Org Chem, Hlth & Sci		 CHEM 255		(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 &		(5) (5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 256 CHEM 256		(5)
CHEM 128A	Organic Chemistry		 CHEM 255	Organic Chemistry I	(5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &		(5) (5)
CHEM 128C	Organic Chemistry	(3)	•	_	(5)
CHEM 129A CHEM 129B			CHEM 255		(5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 <u>&</u> CHEM 256		(5)
		ECOMME			
MATH 21C	Calculus		MATH 213	Calculus III	(5)

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

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

It is also <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:

special Note for frankler students considering an A.B. Degree in this major

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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)	į		Molecular and Cellular Biology	(4)
				<u>O</u> I	<u> </u>		
				BIOSCI 	107H	Molecular and Cellular Biology - Honors	(4)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life		BIOSCI 	106	Organismal and Environmental Biology	(4)
CHEM 2A	G€	enl Chemistry	(5)	CHEM 20	01	General Chemistry I	(6)
				CHEM 20)1H	General Chemistry I Honors	- (6)
CHEM 2B	G€	enl Chemistry	(5)	CHEM 20 CHEM 20	_	General Chemistry I General Chemistry II	

CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
	OR		OR
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
		, ,	submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
		, ,	submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
	Principles Physics		NO COMPARABLE COURSE
	OR		OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)

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

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RECOMMENDED COURSES FOR THIS MAJOR:

CHEM 2C	Genl Chemistry	(5) CHEM 202	General Chemistry I	(5)
MATH 17C	Calculus for BioSci		ARTICULATED: College course(s) for articul	
	OR	İ	OR	
MATH 21C	Calculus	(4) MATH 213	Calculus III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be

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

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

It is also <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://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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on	(5)	BIOSCI 107 Molecular and (4)
Earth		Cellular Biology
		<u>OR</u>
		BIOSCI 107H Molecular and (4)
		Cellular Biology -
		Honors
BIOLSCI 2B Intro Biology: Ecology	(5)	
& Evolution		Environmental
		Biology
BIOLSCI 2C Intro Biology:		BIOSCI 106 Organismal and (4)
Biodiversity & the Tree		Environmental
of Life		Biology
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
CHEM ZA Geni Chemistry	(3)	OR
		CHEM 201H General Chemistry I - (6)
		Honors
CHEM 2B Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
	(-,	CHEM 202 General Chemistry II (5)
CHEM 2C Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A Organic Chem-Brief	(2)	NO COMPARABLE COURSE
CHEM 8B Organic Chem-Brief	(4)	NO COMPARABLE COURSE
OR		OR
CHEM 118A Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
		CHEM 256 Organic Chemistry II (5)
CHEM 118C Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MARII 17A Coloulus for DioCai	(1)	NO COURSE APERCULATED. College has not
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B Calculus for Biosci	(1)	NO COURSE ARTICULATED: College has not
MAIN 17B Calculus for Blosci	(+)	submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
PATH 17C Calculus for Broser	(1)	submitted course(s) for articulation
OR		OR
MATH 21A Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B Calculus		MATH 212 Calculus II (5)
		·
PHYSICS 7A General Physics	(4)	PHYSIC 110 & General Physics I (4)
		PHYSIC 111 General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYSIC 110 & General Physics I (4)
		PHYSIC 111 General Physics II (4)
PHYSICS 7C General Physics	(4)	PHYSIC 110 & General Physics I (4)
		PHYSIC 111 General Physics II (4)
It is highly recommended that student	s coi	mplete an entire physics series at

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

RECOMMENDED COURSES FOR THIS MAJOR:

MATH 21C Calculus END OF MAJOR

(4) | MATH 213 Calculus III (5)

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

Special Advising Note:

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

a) MATH 21B	Calculus	(4)	MATH 212	Ca	ilculus II	(5)
a) MATH 21C	Calculus	(4)	MATH 213	Ca	ilculus III	(5)
a) MATH 21D	Vector Analysis	(4)	MATH 213	Ca	alculus III	(5)
a) MATH 22A	Linear Algebra	(3)	MATH 214	Li	near Algebra	(3)
a) MATH 22B	Differntl Equations	(3)	MATH 215	Di	fferential Equations	(3)
a) PHYSICS 9A	Classical Physics	(5)	 	<u>&</u>	Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)
a) PHYSICS 9B	Classical Physics	(5)	 PHYSIC 220 	<u>&</u>	Physics Physics for Scientists and Engineers: Mechanics of Solids and	(4)
			 PHYSIC 221 	<u>&</u>	Fluids Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 		Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			 PHYSIC 221 	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	- 	Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107 	Н	Molecular and Cellular Biology - Honors	(4)

a) CHEM 2A	Genl Chemistry	(5)	-	General Chemistry I	(6)
			<u>OR</u> CHEM 201H 	General Chemistry I - Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	-	(6) (5)
a) ENGIN 6	Engr Prob Solving	(4)	NO COMPARAE	BLE COURSE	
a) ENGIN 17	Circuits I	(4)	ENGR 153	Electrical Circuits	(4)
a) ENGIN 35	Statics	(4)	ENGR 152	Statics	(3)
a) UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			ENGL 101H	Honors - English Composition	(4)

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

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

a) COMUNCN 1	Intro Public Spkg	g (4) COMS 105 OR	Fundamentals of Public Speaking	(3)
	OR	COMS 105H	Fundamentals in Public Speaking- Honors OR	(3)
a) COMUNCN 3	Intprsnl Com Cmpe	etnce (4) COMS 246 	Interpersonal Communication	(3)

REQUIRED FOR GRADUATION:

a)	CHEM 8A	Organic Chem-Brief OR	(2) NO COMPARABLE COURSE OR
a)	CHEM 118A	Org Chem, Hlth & Sci AND	(4) CHEM 255 Organic Chemistry I (5
a)	CHEM 8B	Organic Chem-Brief OR	(4) NO COMPARABLE COURSE OR
a)	CHEM 118B	Org Chem, Hlth & Sci	(4) CHEM 255 & Organic Chemistry I (5 CHEM 256 Organic Chemistry II (5
•	ENG BS 1 ENG BS 75	Biosys Engr Fndts Prop Mat in Bio Sys	(4) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
a)	BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSCI 106 Organismal and (4

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

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.

====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.

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

a)	MATH 21A	Calculus	(4)	MATH 2	211	Ca	alculus I	(5)
a)	MATH 21B	Calculus	(4)	MATH 2	212	Ca	alculus II	(5)
a)	MATH 21C	Calculus	(4)	MATH 2	213	Ca	alculus III	(5)
a)	MATH 21D	Vector Analysis	(4)	MATH 2	213	Ca	alculus III	(5)
a)	MATH 22A	Linear Algebra	(3)	MATH 2	214	L	inear Algebra	(3)
a)	MATH 22B	Differntl Equations	(3)	MATH 2	215	D:	ifferential Equations	(3)
a)	PHYSICS 9A	Classical Physics	(5)		C 221	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a)	PHYSICS 9B	Classical Physics	(5)	PHYSIO 	C 220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 	C 221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIO 	C 222		Physics for Sci and Engrs: Waves, Heat,	(4)

				Optics and Modern Physics	
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 <u>8</u> - 	Physics for (Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 <u>8</u> 		(4)
			PHYSIC 222		(4)
a) CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I ((6)
				General Chemistry I - (Honors	(6)
a) CHEM 2B	Genl Chemistry	(5)	CHEM 201 & CHEM 202	General Chemistry I (General Chemistry II ((6) (5)
a) CHEM 2C (Genl Chemistry	(5)	!	General Chemistry II ((5)
a) CHEM 8A	Organic Chem-Brief	(2)	NO COMPARABI	LE COURSE	
	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABI		
a) CHEM 8B (Organic Chem-Brief OR	(4) (4) (4)	NO COMPARABI CHEM 255 CHEM 255 <u>&</u>	LE COURSE	(5)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B	Organic Chem-Brief OR Org Chem, Hlth & Sci	(4) (4) (4) (4)	NO COMPARABI CHEM 255 CHEM 255 & CHEM 256 NO COMPARABI	Organic Chemistry I (Organic Chemistry I (Organic Chemistry I (Organic Chemistry II ((5) (5)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Engr Prob Solving	(4) (4) (4) (4) (4)	NO COMPARABI	Organic Chemistry I (Organic Chemistry I (Organic Chemistry I (Organic Chemistry II (COURSE Electrical Circuits ((5) (5)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B a) ENGIN 6 1 a) ENGIN 17	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Engr Prob Solving Circuits I Intro Biology:Life	(4) (4) (4) (4) (4)	NO COMPARABI CHEM 255 CHEM 255 CHEM 256 NO COMPARABI ENGR 153	Organic Chemistry I (Organic Chemistry I (Organic Chemistry II (Organic Chemistry II ((5) (5) (4)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B a) ENGIN 6 1 a) ENGIN 17 a) BIOLSCI 2A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Engr Prob Solving Circuits I Intro Biology:Life	(4) (4) (4) (4) (5)	CHEM 255 &	Organic Chemistry I (Organic Chemistry I (Organic Chemistry II (Organic Chemistry II (LE COURSE Electrical Circuits (Molecular and (Cellular Biology Molecular and (Cellular Biology - Honors	(5) (5) (4) (4)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B a) ENGIN 6 1 a) ENGIN 17 a) BIOLSCI 2A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Engr Prob Solving Circuits I Intro Biology:Life on Earth	(4) (4) (4) (4) (5)	CHEM 255 &	Organic Chemistry I (Organic Chemistry I (Organic Chemistry II (Organic Chemistry II (LE COURSE Electrical Circuits (Molecular and (Cellular Biology Molecular and (Cellular Biology - Honors English Composition ((5) (5) (4) (4) (4)
a) CHEM 8B (a) CHEM 118A a) CHEM 118B a) ENGIN 6 1 a) ENGIN 17 a) BIOLSCI 2A	Organic Chem-Brief OR Org Chem, Hlth & Sci Org Chem, Hlth & Sci Engr Prob Solving Circuits I Intro Biology:Life on Earth	(4) (4) (4) (4) (5)	NO COMPARABI CHEM 255 CHEM 255 & CHEM 256 NO COMPARABI ENGR 153 BIOSCI 107 OR BIOSCI 107H	Organic Chemistry I (Organic Chemistry I (Organic Chemistry II (Organic Chemistry II (LE COURSE Electrical Circuits (Molecular and (Cellular Biology Molecular and (Cellular Biology - Honors English Composition ((5) (5) (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 composition for transfer admission eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering

Undergraduate Office at (530)752-1979 if you have any questions.

REQUIRED FOR GRADUATION:

a)	BIMEDEN	1	Intro Bi	omedical	Engr	(2)	NO	COMPARABLE	COURSE
a)	BIMEDEN	20	Fundame	ntals of		(4)	NO	COMPARABLE	COURSE
		Bioengineering							

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

We strongly encourage you to complete the entire Biological Sciences 2A/B/C series before matriculating to UC Davis, as this series is a prerequisite for many upper-division courses.

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

Organic Chemistry 8A/B or 118A/B/C*

*We strongly encourage students to complete the entire Organic Chemistry 8A/B or 118A/B/C series before matriculating to UC Davis, as the Organic Chemistry 8A/B or 118A/B/C series is a prerequisite for many upper-division courses. For the best transition and reduced time to degree, students should consider completing all lower-division preparatory coursework shown below.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

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

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

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

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

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

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

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

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

BIOLSCI	2A	Intro Bio	logy:Life	on (5)	BIOSCI 		Molecular and Cellular Biology	(4)
					<u>o</u>	R		
					BIOSCI	107н	Molecular and Cellular Biology	(4)
							Honors	
BIOLSCI	2B	Intro Bio	logy: Ecol	ogy (5)	BIOSCI	106	Organismal and Environmental	(4)
		& EVOIUCE	OII		 		Biology	
BIOLSCI	2C	Intro Bio	logy: ity & the '	· · /	BIOSCI	106	Organismal and Environmental	(4)
		of Life	ity & the	iree			Biology	
BIOTECH	1Y	Introduct	ion to	(4)	NO COU	 RSE A	 RTICULATED: College h	as not
		Biotechno	logy				ourse(s) for articula	
CHEM 2A	Ge	nl Chemist	ry	(5)	 CHEM 2 OR		General Chemistry I	(6)
					CHEM 2	01H	General Chemistry I Honors	- (6)
CHEM 2B	Ge	nl Chemist	ry	(5)	•	_	General Chemistry I	
_					CHEM 2		General Chemistry II	
CHEM 2C	Ge 	nl Chemist	ry 	(5) 	CHEM 2	02 	General Chemistry II	(5)
CHEM 8A		ganic Chem		, ,	!		LE COURSE	
CHEM 8B	Or	ganic Chem OR	-Brief	(4)	NO COM 	PARAB	LE COURSE OR	
CHEM 118	βA	Org Chem, 1	Hlth & Sci	(4)	CHEM 2	55	Organic Chemistry I	(5)
CHEM 118		Org Chem,			-		Organic Chemistry I	. ,
		- 5,		(- /	CHEM 2	_	Organic Chemistry II	
CHEM 118	3C	Org Chem, 1	Hlth & Sci	(4)	CHEM 2	-	Organic Chemistry II	
011211 110	, ,	OR OR	iii di dei	(1)			OR	(3)
		- -			1		-	

CHEM 128A CHEM 128B CHEM 128C CHEM 129A 	Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab	(3) (3) (2) (3)	CHEM 255 & C CHEM 256	Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Calculus I Calculus II	(5) (5) (5) (5) (5) (5)
MATH 17A	OR Calculus for BioSci Calculus for Biosci		submitted cou	OR FICULATED: College has urse(s) for articulation FICULATED: College has urse(s) for articulation	on not
MATH 21A MATH 21B	OR Calculus Calculus		 MATH 211		(5)
their commu series befo series may	General Physics General Physics y recommended that student nity college that is equiv re transferring. Students be required to take additi will need to meet with a U	(4) s con alen who onal	PHYSIC 111 PHYSIC 110 & PHYSIC 111 mplete an entite to the entire transfer without physics cours	General Physics I General Physics II ire physics series at re UC Davis Physics 7A, but completing an entires ses upon arrival at UC	
	COURSEWORK FOR B	IOIN	FORMATICS OPTI	ION:	
ENG CS 20 ENG CS 30	C Sci/Discrete Math Programming&Prob Solving		CMPSCI 256 CMPSCI 111 <u>OR</u> CMPSCI 235	Discrete Structures Introduction to Computer Algorithms and Programming/JAVA C Programming	(3)
As of F1	8, Course Number = ENG CS	36A	CMPSCI 233	C FIOGLARMITING	(3)
ENG CS 40	RESTRICTED ELECTIVES FO Sftwr/Obj-Orien:C++ 8, Course Number = ENG CS	(4)	OINFORMATICS (CMPSCI 236 	OPTION: C++ Object Oriented Programming	(3)
ENG CS 50 ENG CS 60	Machine Dependent Prog Data Structures & Programming 8, Course Number = ENG CS	(4) (4)	NO COMPARABLE CMPSCI 282 	E COURSE Advanced Data Structures	(3)

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

0.70121010101	110 001 1110		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR OR
			BIOSCI 107H Molecular and (4)
			Cellular Biology -
			Honors
BIOLSCI 2B	31 31	(5)	
	& Evolution		Environmental
BIOLSCI 2C	Intro Biology:	/ E \	Biology BIOSCI 106 Organismal and (4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree		BIOSCI 106 Organismal and (4) Environmental
	of Life		Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
	-		OR
			CHEM 201H General Chemistry I - (6)
			Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 $\underline{\&}$ General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CITEM OF	Occurred to Observ Books &	(2)	LNO GOMBARADI E GOURGE
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
011211 1102	019 0110, 111011 & 201	(- /	CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MA TITE 01 A	OR	(4)	OR (5)
MATH 21A	Calculus Calculus		MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
11110100 711	ceneral implies	(- /	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
	-	. ,	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
It is highl	ly recommended that students	s coi	mplete an entire physics series at

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

RE	COM	MENI	DED:

MATH 21C Calculus (4) | MATH 213 Calculus III (5)

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

REQUIRED	FOR	ADMISSION:
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a) MATH 21A	Calculus	(4) MATH 211 Calculus I	(5)
a) MATH 21B	Calculus	(4) MATH 212 Calculus II	(5)
a) MATH 21C	Calculus	(4) MATH 213 Calculus III	(5)
a) MATH 21D	Vector Analysis	(4) MATH 213 Calculus III	(5)
a) MATH 22A	Linear Algebra	(3) MATH 214 Linear Algebra	(3)
a) MATH 22B	Differntl Equations	(3) MATH 215 Differential Equations	(3)
a) PHYSICS 9A	Classical Physics	(5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 & Physics for Scientists and Engineers: Electricity and	(4)
		Magnetism PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B	Classical Physics	(5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and	(4)
		Fluids PHYSIC 221 & Physics for Scientists and Engineers: Electricity and	(4)
		Magnetism PHYSIC 222 Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) CHEM 2A	Genl Chemistry	(5) CHEM 201 General Chemistry I	(6)

		OR CHEM 201H General Chemistry I - (Honors	6)
a) CHEM 2B Genl Chemistry	(5)	_	6) 5)
a) CHEM 2C Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
a) CHEM 128A Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
a) CHEM 128B Organic Chemistry		_ 3	5) 5)
a) CHEM 129A Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
ENG CHM 60 Engineering Problem Solv OR	(4)	OR	
a) ENG CS 30 Programming&Prob Solving	(4)	_	3)
OR		OR	3)
a) ENGIN 6 Engr Prob Solving	(4)	NO COMPARABLE COURSE	
Required for admission. Students m course in a higher level language in engineering, physical sciences,	inte	nded for students majoring	
ENGIN 17 Circuits I OR	(4)	ENGR 153 Electrical Circuits (4)
ENGIN 35 Statics OR	(4)	-	3)
a) ENGIN 45 Prop of Mats	(4)		3)
			1)
a) UWRITING 1 Expository Writing	(4)	ENGL 101 English Composition (3)
		-	4)

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

OR

Composition

OR

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

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

REQUIRED FOR GRADUATION:

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

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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.

CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Cl	nemistry I (6)
			CHEM 201H General Cl	nemistry I - (6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Che CHEM 202 General Che	
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Che	
CHEM 2AH		(5)	NO COURSE ARTICULATED: submitted course(s) for	
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: submitted course(s) for	College has not
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: submitted course(s) for	College has not
PHYSICS 9A	Classical Physics	(5)	Scientis	ts and s: Mechanics
			PHYSIC 221 & Physics : Scientist Engineer: Electric: Magnetist	ts and s: ity and
			PHYSIC 222 Physics : Engrs: Wa	for Sci and (4) aves, Heat, nd Modern
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 <u>&</u> Physics : Scientis	ts and s: Mechanics
			PHYSIC 221 & Physics : Scientist Engineer: Electric: Magnetist	ts and s: ity and
			PHYSIC 222 Physics : Engrs: Wa	for Sci and (4) aves, Heat, nd Modern
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 <u>&</u> Physics : Scientis	ts and s: Mechanics
			PHYSIC 221 <u>&</u> Physics: Scientist Engineer: Electric: Magnetist	ts and s: ity and
			PHYSIC 222 Physics : Engrs: Wa Optics an	for Sci and (4) aves, Heat, nd Modern
PHYSICS 9D	Modern Physics	(4)	Physics NO COMPARABLE COURSE	

MATH 21A	Calculus	(4)	MATH 21	1 Calculus	s I	(5)
MATH 21B	Calculus	(4)	MATH 21	2 Calculus	s II	(5)
MATH 21C	Calculus	(4)	MATH 21	3 Calculus	s III	(5)
MATH 21D	Vector Analysis	(4)	MATH 21	3 Calculus	s III	(5)
MATH 22A	Linear Algebra	(3)	MATH 21	4 Linear A	Algebra	(3)
MATH 22AL	Lin Alg Comp Lab	(1)	NO COUR	SE ARTICULATE	ED: College	has not
			submitt	ed course(s)f	for articul	lation
MATH 22B	Differntl Equations	(3)	MATH 21	5 Differer	ntial Equat	cions (3)
CHEM 128A	Organic Chemistry	(3)	CHEM 25	5 Organic	Chemistry	I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 25	5 & Organic	Chemistry	I (5)
			CHEM 25	6 Organic	Chemistry	II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 25	5 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 <a href="https://doi.org/10.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6)
CITEM OF	a lal di	<i>(</i> - <i>)</i>	Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
	-	. ,	submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
CHEFT ZCH	Honord denr Chemibery	(3)	submitted course(s) for articulation
			Submitteed Course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
11110100 //1	deneral injures	(-)	PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(1)	PHYSIC 110 & General Physics I (4)
PRISICS /B	General Physics	(+)	·
D	a 1 51 '	(4)	PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)

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

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

	 	of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
MATH 16A Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B Short Calculus	(3)	MATH 212 Calculus II (5)
		MATH 212 Calculus II (5)
OR	()	OR
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	į	submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	ĺ	submitted course(s) for articulation
OR	ĺ	OR
MATH 21A Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C Calculus	(4)	MATH 213 Calculus III (5)
CHEM 128A Organic Chemistry		CHEM 255 Organic Chemistry I (5)
		·!
Chem 120b Organic Chemistry		·
CHEM 128C Organic Chemistry	!	
		CHEM 256 Organic Chemistry II (5)
5		CHEM 255 Organic Chemistry I (5)
CHEM 129B Organic Chem Lab		CHEM 255 & Organic Chemistry I (5)
		CHEM 256 Organic Chemistry II (5)

Scientists and

Engineers: Mechanics

END OF MAJOR

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

Special Advising Note:

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

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CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEN ZC	OR	(3)	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)	PHYSIC 220 & Physics for (4) Scientists and Engineers: Mechanics
			of Solids and Fluids
			PHYSIC 221 & Physics for (4)
			Scientists and Engineers:
			Electricity and Magnetism
			PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat,
			Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	PHYSIC 220 & Physics for (4)
			Scientists and
			Engineers: Mechanics of Solids and
			Fluids
			PHYSIC 221 & Physics for (4)
			Scientists and Engineers:
			Electricity and
			Magnetism PHYSIC 222 Physics for Sci and (4)
			Engrs: Waves, Heat, Optics and Modern
			1

PHYSICS	3 9C	Classical Physics	(5)	 physi	rc	220	æ	Physics for	(4)
11110100	, , ,	Classical III, sics	(3)			220	=	Scientists and	(- /
								Engineers: Mechanics	
				İ				of Solids and	
				İ				Fluids	
				PHYSI	IC	221	<u>&</u>	Physics for	(4)
								Scientists and	
								Engineers:	
								Electricity and	
					T (1	222		Magnetism	(1)
				PHYSI	LC	222		Physics for Sci and Engrs: Waves, Heat,	(4)
				 				Optics and Modern	
								Physics	
MATH 21	LA	Calculus						alculus I	(5)
		Calculus		1					(5)
		Calculus							(5)
		Vector Analysis							(5)
				MATH				inear Algebra	
MATH 22	2AL	Lin Alg Comp Lab	(1)						
MARRIT OC	חו	Different Emertians	(2)					rse(s)for articulation	
MAIH 22	4B 	Differntl Equations	(3)	 		э 	. ـ ـ ـ .	Equations	(3)
CHEM 12	28A	Organic Chemistry	(3)	CHEM	25	5	0:	rganic Chemistry I	(5)
CHEM 12	28B	Organic Chemistry	(3)	CHEM	25	5 <u>&</u>	0:	rganic Chemistry I	(5)
				CHEM	25	6	0:	rganic Chemistry II	(5)
CHEM 12	28C	Organic Chemistry							(5)
CHEM 12				CHEM				rganic Chemistry I	(5)
CHEM 12	29B	Organic Chem Lab	(2)	•		_			(5)
				CHEM				rganic Chemistry II	
CHEM 12	29C	Organic Chem Lab	(2)	CHEM	25	6	0:	rganic Chemistry II	(5)

Physics

RECOMMENDED COURSES:

PHYSICS 9D	Modern Physics	(4) NO COMPARABLE COURSE

END OF MAJOR

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

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			CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	: —	General Chemistry I (6)
CHEM OC	Cord Chamistan	/ F \	!	General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 (General Chemistry II (5) OR
	*=-		l	
CHEM 2AH	Honors Genl Chemistry	(5)	NO COURSE ART	FICULATED: College has not
			submitted cou	ırse(s) for articulation
CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ART	FICULATED: College has not
			submitted cou	urse(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ART	TICULATED: College has not
			submitted cou	rse(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	-
			PHYSIC 111	<u> </u>
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 &	General Physics I (4)
			PHYSIC 111	General Physics II (4)

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

				Optics and Modern	
PHYSICS 9B	Classical Physics	(5)	 PHYSIC 220 & 	Physics Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			 PHYSIC 221 <u>&</u> 		(4)
			 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &		(4)
			 PHYSIC 221 <u>&</u> 		(4)
			PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
 MATH 16A	Short Calculus	(3)	 MATH 211	alculus I	(5)
MATH 16B	Short Calculus		!	alculus II	(5)
матн 16С	Short Calculus OR		!	alculus II OR	(5)
MATH 17A	Calculus for BioSci		submitted cou	ICULATED: College has rse(s) for articulation	on
MATH 17B	Calculus for Biosci		submitted cou	CICULATED: College has rse(s) for articulation	on
MATH 17C	Calculus for BioSci OR	(4)		CICULATED: College has rse(s) for articulation OR	
MATH 21A	Calculus	(4)	 MATH 211 C		(5)
MATH 21B		(4)	MATH 212 C	alculus II	(5)
MATH 21C	Calculus	(4)	MATH 213 C	alculus II alculus III 	(5)
BIOLSCI 2A	Intro Biology:Life on				(4)
LIVEOUT 2A	Earth		l OP	Cellular Biology	
	Earth		<u>OR</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
		(4)	BIOSCI 107H MATH 140 	Molecular and Cellular Biology - Honors	(4) (4)
	Earth Elementary Statistics	(4)	BIOSCI 107H 	Molecular and Cellular Biology - Honors	
	Earth Elementary Statistics	(4)	BIOSCI 107H	Molecular and Cellular Biology - Honors Introductory Statistics Introductory	(4)

CHEM 11		org Chem,			٠ ,	CHEM		c.	_	Chemistry Chemistry		(5) (5)
CHEM 11	105 (org chem,	nich «	BCI	(=)			<u>α</u>	_	_		,
						CHEM	256		Organic	Chemistry	$\perp \perp$	(5)
CHEM 11	18C C	org Chem,	Hlth &	Sci	(4)	CHEM	256		Organic	Chemistry	II	(5)
		OR							OI	ર		
CHEM 12	28A C	Organic C	hemistry	7	(3)	CHEM	255		Organic	Chemistry	I	(5)
CHEM 12	28B C	Organic C	hemistry	7	(3)	CHEM	255	&	Organic	Chemistry	I	(5)
						CHEM	256		Organic	Chemistry	II	(5)
CHEM 12	28C C	Organic C	hemistry	7	(3)	CHEM	256		Organic	Chemistry	II	(5)
CHEM 12	29A C	Organic C	hem Lab		(2)	CHEM	255		Organic	Chemistry	I	(5)
CHEM 12	29B C	Organic C	hem Lab		(2)	CHEM	255	<u>&</u>	Organic	Chemistry	I	(5)
					İ	CHEM	256	_	Organic	Chemistry	II	(5)

END OF MAJOR

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

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			OR OR
			CHEM 201H General Chemistry I - (6)
			Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
	OR		OR
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CHEM 2BH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
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CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
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PHYSICS 7A	General Physics	 (4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)

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

			Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus	(3)	MATH 212 Calculus II (5)
MATH 16C	Short Calculus OR	(3)	MATH 212 Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
MATH 21A	Calculus	(4)	
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
ENV TOX 20	Introduction to Forensic Science		NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics
			<u>OR</u> MATH 140H Introductory (4)
			Statistics - Honors
			OR PSYCH 104 Statistics for the (3) Behavioral Sciences
a====== 20	OR	(4)	OR
STATIST 32 As of F18,	Stat Anlys Thru Comp title = Gateway to Data Sc		I control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont
CITEM 1107			
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 255 & Organic Chemistry I (5)
	Org Chem, Hlth & Sci Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5) OR
CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR	(4) (4) (3)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5) OR
CHEM 118B CHEM 118C CHEM 128A CHEM 128B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry	(4)(4)(3)(3)	CHEM 255 & Organic Chemistry I (5)
CHEM 118B CHEM 118C CHEM 128A CHEM 128B CHEM 128C	Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry Organic Chemistry	(4)(4)(3)(3)(3)	CHEM 255 & Organic Chemistry I (5)
CHEM 118B CHEM 118C CHEM 128A CHEM 128B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci OR Organic Chemistry Organic Chemistry	(4) (4) (3) (3) (3) (2)	CHEM 255 & Organic Chemistry I (5)

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

CHICANO 21 Hlth Care Issues (4) NO COMPARABLE COURSE

OR OR

CHICANO 40 Comparative Health (4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE COURSE FROM THE FOLLOWING:

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

SPANISH 1	Elementary Spanish	(5)	SPAN 101	Elementary	Spanish 1	[(4)
SPANISH 2	Elementary Spanish	(5)	SPAN 101 &	Elementary	Spanish 1	(4)
			SPAN 102	Elementary	Spanish 1	[] (4)
SPANISH 3	Elementary Spanish	(5)	SPAN 102	Elementary	Spanish 1	(4)
	OR			OR		
SPANISH 28	Inter Conversation	(2)	NO COMPARABI	LE COURSE		
SPANISH 31	Int Span Nat Spk I	(5)	NO COMPARABI	LE COURSE		
SPANISH 32	Int Span Nat Spk II	(5)	NO COMPARABI	LE COURSE		
END OF MAJOR						

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

CHICANO 50	Chicano Culture	(4) NO COMPARABLE COURSE	
CHICANO 21	Hlth Care Issues OR	(4) NO COMPARABLE COURSE OR	
CHICANO 40	Comparative Health	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
	ONE COURSE I	FROM THE FOLLOWING:	
CHICANO 60	Chicana and Chicano Representn in Cinema	(4) NO COMPARABLE COURSE	
CHICANO 65	New Latin American Cinema	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
CHICANO 70	-	(4) NO COMPARABLE COURSE	
CHICANO 73	Art Expr Silk Scr	(4) NO COMPARABLE COURSE	
ONE COURSE FROM THE FOLLOWING:			
CHICANO 23	Qualitative Research Methods	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation	
PSYCH 41	Research Methods	(4) PSYCH 103 Introduction to (3) Behavioral Research	
SOCIOL 46A	Intro Social Rsch	(4) NO COMPARABLE COURSE	
SPANISH 1	Elementary Spanish	(5) SPAN 101 Elementary Spanish I (4)	
SPANISH 2	Elementary Spanish		
SPANISH 3	Elementary Spanish OR	(5) SPAN 102 Elementary Spanish II (4) OR	
SPANISH 28	Inter Conversation	(2) NO COMPARABLE COURSE	
SPANISH 31		(5) NO COMPARABLE COURSE	
SPANISH 32	Int Span Nat Spk II	(5) NO COMPARABLE COURSE	
END OF MAJO	OR .		

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

Special Advising Note:

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

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

Chinese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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.

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

x) CHINESE 3CN Mand/Cant Spkrs III (5) NO COMPARABLE COURSE

RECOMMENDED COURSES FOR THIS MAJOR:

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

x) CHINESE 2CN Mand/Cant Spkrs II (5) NO COMPARABLE COURSE

information.

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

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

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

Select two of the following courses:

FILM ST 1	Intro to Film Studies	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
Former	rly Humanities 10			
TCULST 1	Intro Technocultural	(4)		ARTICULATED: College has not
	Studies			course(s) for articulation
TCULST 5	Media Archaeology	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation

END OF MAJOR

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

Special Advising Note:

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

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

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

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

IGETC: Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing the Intersegmental General Education Transfer Curriculum(IGETC)however, the General Education (GE) requirement at UC Davis will be totally satisfied for all UC

Davis GE requirements that may be met with lower-division courses. Completing IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

a)	MATH 21A	Calculus	(4)	MATH 21	L1	Ca	alculus I	(5)
a)	MATH 21B	Calculus	(4)	MATH 21	L2	Ca	alculus II	(5)
a)	MATH 21C	Calculus	(4)	MATH 21	L3	Ca	alculus III	(5)
a)	MATH 21D	Vector Analysis	(4)	MATH 21	L3	Ca	alculus III	(5)
a)	MATH 22A	Linear Algebra	(3)	MATH 21	L4	Li	near Algebra	(3)
a)	MATH 22B	Differntl Equations	(3)	MATH 21	L5	Di	fferential Equations	(3)
a)	PHYSICS 9A	Classical Physics	(5)	 	221	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a)	PHYSICS 9B	Classical Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and	(4)

		PHYSIC 222	Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C Classical Physics	(5)	PHYSIC 220	Scientists and Engineers: Mechanics of Solids and	(4)
		PHYSIC 221	Fluids Physics for Scientists and Engineers: Electricity and	(4)
		PHYSIC 222	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) CHEM 2A Genl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
		<u>OR</u> CHEM 201H	General Chemistry I - Honors	(6)
a) CHEM 2B Genl Chemistry	<i>(</i> -)	GTTEN	Company Chamistan T	(6)
a, endi 25 deni enemiser,	(5)	CHEM 201		(6) (5)
a) ENGIN 6 Engr Prob Solving OR		CHEM 202		
a) ENGIN 6 Engr Prob Solving	(4)	CHEM 202	General Chemistry II BLE COURSE OR	
a) ENGIN 6 Engr Prob Solving OR a) ENG CS 30 Programming&Prob	(4)	CHEM 202	General Chemistry II ABLE COURSE OR Introduction to Computer Algorithms and Programming/JAVA	(5)
a) ENGIN 6 Engr Prob Solving OR a) ENG CS 30 Programming&Prob	(4) (4) s must oge interes, or n	NO COMPARA CMPSCI 111 OR CMPSCI 235 complete or nded for st mathematics	General Chemistry II ABLE COURSE OR Introduction to Computer Algorithms and Programming/JAVA C Programming Le programming Ludents majoring	(5)
a) ENGIN 6 Engr Prob Solving OR a) ENG CS 30 Programming&Prob Solving Required for admission. Students course in a higher level language in engineering, physical science	(4) (4) s must oge interes, or n	OR CMPSCI 235 CMPSCI 235 Complete on athematics	General Chemistry II ABLE COURSE OR Introduction to Computer Algorithms and Programming/JAVA C Programming the programming cudents majoring	(5)
a) ENGIN 6 Engr Prob Solving OR a) ENG CS 30 Programming&Prob Solving Required for admission. Students course in a higher level language in engineering, physical science	(4) (4) s must of ge interes, or r	CHEM 202 NO COMPARA CMPSCI 111 OR CMPSCI 235 Complete or nded for st mathematics ENGR 152 ENGL 101	General Chemistry II ABLE COURSE OR Introduction to Computer Algorithms and Programming/JAVA C Programming Le programming Ludents majoring Statics	(5) (3)
a) ENGIN 6 Engr Prob Solving OR a) ENG CS 30 Programming&Prob Solving Required for admission. Students course in a higher level language in engineering, physical science a) ENGIN 35 Statics	(4) (4) s must of ge interes, or r	CHEM 202 NO COMPARA CMPSCI 111 OR CMPSCI 235 Complete on onded for structure at the matics ENGR 152 ENGR 152 ENGL 101 OR	General Chemistry II BLE COURSE OR Introduction to Computer Algorithms and Programming/JAVA C Programming De programming Udents majoring Statics English Composition	(5) (3)

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

a) COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors	(3)
	OR			OR	
a) COMUNCN 3	Intprsnl Com Cmpetno	ce (4)	COMS 246	Interpersonal Communication	(3)

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

ARTHI 1A	Ancient Mediterranean Art	(4)	ART 110 Art History: Ancient to (3) Medieval
CLASSIC 1	N East/Early Gr	(4)	NO COMPARABLE COURSE
CLASSIC 2	Anc Gr & Near East	(4)	NO COMPARABLE COURSE
CLASSIC 3	Rome & The Mediter	(4)	NO COMPARABLE COURSE
CLASSIC 4	Late Antiquity	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s)for articulation
CLASSIC 10	Gr,Roman,N East Myth	(3)	NO COMPARABLE COURSE
CLASSIC 15	Women & Gender in	(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
	Ancient Science	(4)	NO COMPARABLE COURSE
	SCI&TEC 50		
COMPLIT 1	Major Books-Ancient	(4)	NO COMPARABLE COURSE
	World		
PHILOS 21	Phil: Ancient	(4)	PHILOS 110 History of Ancient (3) Philosophy
As of F17,	title = Phil Classics: Anc	ient	
REL STD 21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
As of F18,	title = The Bible		
REL STD 40	New Testament	(4)	NO COMPARABLE COURSE

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

AND
AND

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

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

OR

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

OR

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

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

ENGLISH 3	Intro to Lit	(4)		ARTICULATED: College has course(s)for articulatio	
UWRITING 1		(4)	ENGL 101	English Composition	(3)
			<u>OR</u> ENGL 101H 	Honors - English Composition	(4)
COMUNCN 1	Intro Public Spkg	(4)	COMS 105 OR	Fundamentals of Public Speaking	(3)
			<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			BIOSCI 107	TH Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2E	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	 CHEM 201	General Chemistry I	(6) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	-	(5)
CHEM 8A	Organic Chem-Brief Organic Chem-Brief			ABLE COURSE	
CHEM 8B	organic Chem-Briei	(4)	NO COMPARA	ABLE COURSE	
ECON 1A	Princ of Microecon OR	(4)	ECON 202	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
PSYCH 1	General Psychology	(4)	PSYCH 101 <u>OR</u>	Introduction to Psychology	(3)

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a

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

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

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

LINGUIS 1	Intro Linguistics	(4)	NO COMPARABL	E COURSE	
PHILOS 10	Intro Cognitive Science	(4)		TICULATED: College has urse(s)for articulatio	
PHILOS 12 PHILOS 13G	Intro to Symbol Logic Minds, Brains Comp w/Disc		PHILOS 230 NO COURSE AR	Symbolic Logic TICULATED:College has urse(s)for articulatio	(3) not
PSYCH 1	General Psychology	(4)	PSYCH 101 OR	Introduction to Psychology	(3)
			PSYCH 101H	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Introduction to Behavioral Research	(3)
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			<u>OK</u> MATH 140H OR	Introductory Statistics - Honors	(4)
			<u>OK</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

General Cat	ramination credit policies alog . Quick reference cha rom our TAG website.				
ENG CS 20 ENG CS 30	C Sci/Discrete Math Programming&Prob Solving	(4)	CMPSCI 111 	Discrete Structures Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u> CMPSCI 235	C Programming	(3)
As of F1	.8, Course Number = ENG CS	36A	,		(-)
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	C++ Object Oriented Programming	(3)
	.8, Course Number = ENG CS				
ENG CS 50 ENG CS 60				Advanced Data	(3)
As of F1	Programming 8, Course Number = ENG CS	36C	l 	Structures	
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLI	E COURSE	
MATH 17A	Calculus for BioSci	(4)		TICULATED: College has urse(s) for articulati	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ART	FICULATED: College has urse(s) for articulati	not
	OR		į	OR	
MATH 21A MATH 21B	Calculus Calculus	(4) (4)	MATH 211 (MATH 212 (Calculus I Calculus II	(5) (5)
MATH 22A	Linear Algebra	(3)	 MATH 214	 Linear Algebra	(3)
	Lin Alg Comp Lab		NO COURSE ART	FICULATED: College has urse(s)for articulatio	not
PHILOS 10	Intro Cognitive Science	(4)		FICULATED: College has urse(s)for articulatio	
PHILOS 12	Intro to Symbol Logic	(4)	!	Symbolic Logic	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)		FICULATED:College has urse(s)for articulatio	
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
			<u>OR</u> PSYCH 101H	Introduction to	(3)
PSYCH 41	Research Methods	(4)	 PSYCH 103 	Psychology - Honors Introduction to Behavioral Research	(3)
STATIST 13	Elementary Statistics	(4)	 MATH 140	Introductory	(4)

Same as:	STATIST 13Y		OR	Statistics	
			MATH 140H	Introductory Statistics - Honors	(4)
				Statistics for the Behavioral Sciences	(3)
	Emphasis	. 2 •	Neuroscience		
BIOLSCI 2A	Intro Biology:Life on Earth		BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H 	Molecular and Cellular Biology -	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	 BIOSCI 106 	Honors Organismal and Environmental	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	 BIOSCI 106 	Biology Organismal and Environmental Biology	(4)
LINGUIS 1	Intro Linguistics	(4)			
MATH 17A	Calculus for BioSci	(4)		'ICULATED: College has urse(s) for articulation	
MATH 17B	Calculus for Biosci	(4)		CICULATED: College has arse(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		'ICULATED: College has urse(s) for articulation	
MATH 21A	OR Calculus	(1)	 MATH 211	OR	/ E \
MATH 21A	Calculus	(4)	MATH 211 C	alculus I	(5) (5)
MATH 21C		(4)	MATH 213 C	alculus III	(5)
PHILOS 10	Intro Cognitive Science	(4)		CICULATED: College has arse(s)for articulation	
PHILOS 13G	Minds, Brains Comp w/Disc	(4)	NO COURSE ART	CICULATED:College has r urse(s)for articulation	not
PHYSICS 7A	General Physics	(4)	PHYSIC 110 <u>&</u> PHYSIC 111	General Physics I General Physics II	(4) (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
PHYSICS 7C	General Physics	(1)	PHYSIC 111	General Physics II General Physics I	(4) (4)
PHISICS /C		(4)	PHYSIC 110 <u>x</u>	General Physics II	(4)
DUVETCE ON	OR	/ E \	DUVETO 220 c	OR Dhygigg for	(1)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 &	Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	 PHYSIC 220 & 	-	(4)

		 PHYSIC 221 <u>&</u> 	Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and	(4)
		 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PSYCH 1 General Psychology	(4)	PSYCH 101 OR	Introduction to Psychology	(3)
		PSYCH 101H	Introduction to	(3)
PSYCH 41 Research Methods	(4)	 PSYCH 103 	Psychology - Honors Introduction to Behavioral Research	(3)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
		<u>OR</u> MATH 140H OR	Introductory Statistics - Honors	(4)
		<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

College Foreign Language Requirement Note:

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

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

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ANTHRO 4	Anthro Linguistics	(4)	NO COMPARA	ABLE COURSE
LINGUIS 1	OR Intro Linguistics	(4)	 NO COMPARA	OR Able course
COMUNCN 1	Intro Public Spkg	(4)	į	Fundamentals of (3) Public Speaking
			<u>OR</u> COMS 105H 	Public Speaking- Honors
COMUNCN 3	OR Intprsnl Com Cmpetnce OR	(4)	 COMS 246 	OR Interpersonal (3) Communication OR
	Global English Comm LINGUIS 5 OR	(4)	!	ARTICULATED:College has not course(s)for articulation OR
	Global English Comm COMUNCN 5	(4)		ARTICULATED: College has not course(s) for articulation
COMUNCN 10Y	Intro to Communication	(4)		ARTICULATED: College has not course(s)for articulation
B) ENG CS 1	5 Intro to Computers	(4)	NO COMPARA	ABLE COURSE

Please note that the community college's computer science courses

may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

PHILOS 12	OR Intro to Symbol Logic	(4)	 PHILOS 230	OR Symbolic Logic	(3)
PSYCH 1	General Psychology	(4)	 PSYCH 101 OR	Introduction to Psychology	(3)
				Introduction to Psychology - Honors	(3)
SOCIOL 1	Intro Sociology	(5)	SOCI 101 	Introduction to Sociology	(3)
SOCIOL 46B	Intro Social Rsch OR	(5)	 NO COMPARAE 	BLE COURSE OR	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	İ	Introductory Statistics	(4)
			<u>OR</u> MATH 140H OR	Introductory Statistics - Honors	(4)
			PSYCH 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

TWO COURSES FROM THE FOLLOWING:

COMUNCN	1	Intro Public Spkg	(4)	СОМ 	S 105	Fundamenta Public Spe			(3)
					OR				
				COM	S 105H	Fundament	als in		(3)
						Public Sp	eaking-		
						Honors			
COMPLIT	1	Major Books-Ancient	(4)	NO	COMPARABI	E COURSE			
		World							
COMPLIT	2	Major Books-Middle Ages	(4)	NO	COMPARABI	E COURSE			
		to Enlightenment							
COMPLIT	3	Major Books-The Modern	(4)	NO	COMPARABI	E COURSE			
		Crisis							
COMPLIT	4	Maj Books:Cont Wrld	(4)	NO	COMPARABI	E COURSE			
ENGLISH	3	Intro to Lit	(4)	NO	COURSE AF	RTICULATED:	College	has	not

N A STD 5	Intro NA Literature	(4)	submitted course(s)for articulation			
UWRITING 1	Expository Writing	(4)	ENGL 101 English Composition (3	3)		
			ENGL 101H Honors - English (4	4)		
e) UWRITING	18 Style in the Essay	(4)	· !	3)		
As of F17	, Course Number = UWRITING	G 48	3			
e) UWRITING	19 Wrtg Research Papers	(4)	ENGL 103 Critical Reading, (3	3)		
As of F17	, Course Number = UWRITING	G 49				
	CM&RGDE 1 The Community (4) NO COMPARABLE COURSE CM&RGDE 2 Ethnicity Amer Comm (4) NO COMPARABLE COURSE					
PL SCI 21	Computers in Technology OR	(3)	NO COMPARABLE COURSE OR			
B) ENG CS 15	Intro to Computers	(4)	NO COMPARABLE COURSE			

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

ECON 1A	Princ of Microecon OR	(4)	ECON 202	Microeconomics OR	(3)
ECON 1B	Princ of Macroecon	(4)	ECON 201	Macroeconomics	(3)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103 	Cultural Anthropology	(3)
As of W17,	units=5				
	OR			OR	
SOCIOL 1	Intro Sociology	(5)	SOCI 101	Introduction to	(3)
				Sociology	
STATIST 13	Elementary Statistics	(4)	 MATH 140	Introductory	(4)
Same as	: STATIST 13Y		į	Statistics	
			OR		
			MATH 140H		(4)
				Statistics - Honors	
			OR	G	(2)
			PSYCH 104	Statistics for the Behavioral Sciences	(3)
	OR		 	OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO COMPARAB	LE COURSE	
As of F18,	title = Gateway to Data Sc	ience	e		
	OR			OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARAB	LE COURSE	

END OF MAJOR

- e) If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.
- B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

http://llc.ucdavis.edu/foreign-language-placement-exams
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.

COMPLIT 1 Major Books-Ancient (4) NO COMPARABLE COURSE
World
OR
COMPLIT 2 Major Books-Middle Ages (4) NO COMPARABLE COURSE
to Enlightenment

COMPLIT 3 Major Books-The Modern (4) NO COMPARABLE COURSE
Crisis
OR
OR
COMPLIT 4 Maj Books:Cont Wrld (4) NO COMPARABLE COURSE

TWO COURSES FROM THE FOLLOWING:

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

a)	MATH	21A	Calculus	(4)	MATH	211	C	alculus I	(5)
a)	MATH	21B	Calculus	(4)	MATH	212	C	alculus II	(5)
a)	MATH	21C	Calculus	(4)	MATH	213	C	alculus III	(5)
a)	MATH	21D	Vector Analysis	(4)	MATH	213	C	alculus III	(5)
a)	MATH	22A	Linear Algebra	(3)	MATH	214	L	inear Algebra	(3)
a)	MATH	22B	Differntl Equations	(3)	MATH	215	D	ifferential Equations	(3)
a)	PHYSI	CCS 9A	Classical Physics				_	Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSI	C 221	<u>&</u>	Physics for	(4)

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

OR

a) ENGLISH 3 Intro to Lit

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

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

a) COMUNCN 1	Intro Public Spkg	(4) COMS 105 OR	Fundamentals of Public Speaking	(3)
		COMS 105H	Fundamentals in Public Speaking- Honors	(3)
	OR	I	OR	
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COMS 246	Interpersonal Communication	(3)

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

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

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

Any required courses that are offered at your current college must be completed

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

REQUIRED FOR ADMISSION:

a)	MATH	21A	Calculus	(4) 1	MTAM	211	Ca	lculus I	(5)
a)	MATH	21B	Calculus	(4)	MATH	212	Ca	lculus II	(5)
a)	MATH	21C	Calculus	(4)	MATH	213	Ca	lculus III	(5)
a)	MATH	21D	Vector Analysis	(4) 1	MATH	213	Ca	lculus III	(5)
a)	MATH	22A	Linear Algebra	(3) 1	MATH	214	Li	near Algebra	(3)
a)	MATH	22B	Differntl Equations	(3) 1	MATH	215	Di	fferential Equations	(3)
a)	PHYSI	CS 9A	Classical Physics	(5) I	PHYSI	C 220 <u>8</u>	_	Physics for Scientists and	(4)

Engineers: Mechanics

of Solids and

				PHYSIC PHYSIC		<u>&</u>	Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a)	PHYSICS 9B	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a)	PHYSICS 9C	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC PHYSIC		<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a)	PHYSICS 9D	Modern Physics	(4)	NO COME	PARAI	BLE	COURSE	
a)	CHEM 2A	Genl Chemistry	(5)	CHEM 20)1	(General Chemistry I	(6)
)1H		General Chemistry I - Monors	(6)
a) 	ENGIN 17	Circuits I	(4)	ENGR 15	53	E]	ectrical Circuits	(4)
a) a)	ENG CS 20 ENG CS 30	C Sci/Discrete Math Programming&Prob Solving		CMPSCI CMPSCI OR			Discrete Structures Introduction to Computer Algorithms and Programming/JAVA	(3)
a)	ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI CMPSCI			C Programming C++ Object Oriented	(3)
	ENG CS 50	Machine Dependent		NO COME			Programming	/
a)	ENG CS 60	Prog Data Structures & Programming	(4)	 CMPSCI 	282		Advanced Data Structures	(3)

a) UWRITING I	Expository Writing	(4)	ENGL 101	English Co	ompositio	\mathbf{n} (3)
			<u>OR</u>			
			ENGL 101H	Honors - 1	English	(4)
				Composition	on	
	OR		į	OR		
a) ENGLISH 3	Intro to Lit	(4)	NO COURSE	ARTICULATED:	College	has not
			submitted	course(s)for	articula	tion

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.

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

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.40 for each of two course groups. It is recommended that candidates have already achieved the minimum required GPAs in the course(s) from the groups below that have been completed at the time of application and through the transfer academic

update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

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

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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

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

MATH 21A MATH 21B MATH 21C	· · · · · · · · · · · · · · · · · · ·	(4)	MATH 2 MATH 2 MATH 2	12 C	Calculus I Calculus I	I	(5) (5) (5)
MATH 22A	Linear Algebra OR	(3)	 матн 2 	14 L	inear Alg	ebra	(3)
MATH 67	Modern Linear Algebra	(4)	!			College has	
ENG CS 20 ENG CS 30	C Sci/Discrete Math Programming&Prob Solving		!		Introduc Computer	Structures tion to Algorithms ramming/JAVA	(3)
			OR CMPSCI	235	C Progra	mming	(3)
As of F	18, Course Number = ENG CS	36A					
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 	236	C++ Obje		(3)
As of F	18, Course Number = ENG CS	36B					
ENG CS 50	Machine Dependent Prog	(4)	NO COM	PARABLE	COURSE		
ENG CS 60	Data Structures &	(4)	CMPSCI	282	Advanced	Data	(3)
	Programming		İ		Structur	es	
As of F	18, Course Number = ENG CS	36C					

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

ONE OF THE FOLLOWING GROUPS:

Group One:

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
011211 211		(3)	OR		(0)
			CHEM 201H	General Chemistry I -	(6)
G 0.D	~ 1 ~1			Honors	
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
	OR			OR	
		Group Tv	wo:		
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			OR		
			CHEM 201H	General Chemistry I -	(6)
			İ	Honors	
CHEM 2B	Genl Chemistry	(5)	CHEM 201 &	General Chemistry I	(6)
			CHEM 202	General Chemistry II	(5)
BIOLSCI 2	A Intro Biology:Life	on (5)	BIOSCI 107	Molecular and	(4)
	Earth		İ	Cellular Biology	
			OR	31	
			BIOSCI 107H	Molecular and	(4)
				Cellular Biology -	(- /
			 	Honors	
	OR			OR	
		Group Thi	ree:		
		2-04P 1111			

CHEM 2AH	Honors Genl	Chemistry	(5)			ICULATED: College has rse(s) for articulation	
CHEM 2BH	Honors Genl	Chemistry	(5)	NO COURSE	ART	ISE(S) for articulation ICULATED: College has rse(s) for articulation	not
CHEM 2CH	Honors Genl	Chemistry	(5)	NO COURSE	ART	ICULATED: College has rse(s) for articulation	not
	OR				000	OR	
			Group Fo	our:			
PHYSICS 9A	Classical	Physics	(5)	PHYSIC 22 	0 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 22:	1 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 22: 	2	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical	Physics	(5)	PHYSIC 22	0 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				 PHYSIC 22: 	1 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				 PHYSIC 22: 	2	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9C	Classical	Physics	(5)	 PHYSIC 22 	0 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				PHYSIC 22: 	1 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
				PHYSIC 22:	2	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
MATH 21D	Vector Anal	ysis	(4)	 MATH 213	C	alculus III	(5)

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

DESIGN	1	Intro to Design	(4)	NO	COMPARA	ABLE COURSE		
DESIGN	14	Design Drawing OR	(4)	 ART 	124A	Drawing I OR		(3)
DESIGN	21	Drafting and Perspective	(4)	NO	COMPARA	ABLE COURSE		
DESIGN	15	Form & Color	(4)	ART	140	Beginning Do	_	
		AND				AND	onar near	La
DESIGN	16	Graphics & The Computer	(4)	ио	COMPARA			
DESIGN	40A	52 /	(4)	NO	COMPARA	ABLE COURSE		
		Design OR				OR		
DESIGN	40B	Ideologies of Design OR	(4)	NO	COMPARA			
DESIGN	40C	Design Aesthetics/Exper	(4)	!		ARTICULATED: course(s)for	_	

ONE COURSE FROM THE FOLLOWING:

Note: Courses listed twice may be used only once for major preparati	Note:	Courses	listed	twice	may	be	used	only	once	for	major	preparatio
----------------------------------------------------------------------	-------	---------	--------	-------	-----	----	------	------	------	-----	-------	------------

ART 12 Be	eginning Video	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 37	Coding for Designers	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
DESIGN 40A	Energy, Materials, Design	(4)	NO COMPARABLE COURSE
DESIGN 40B	Ideologies of Design	(4)	NO COMPARABLE COURSE
DESIGN 40C	Design Aesthetics/Exper	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 50	Intro to 3-D Design	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 70	Intro Textile Structure	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DESIGN 77	Intro to Fashion Design	(4)	NO COMPARABLE COURSE
UWRITING 11	Pop Sci & Technol Wrtng OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
UWRITING 12	Writing/Visual Rhetoric OR	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation OR
e) UWRITING	18 Style in the Essay	(4)	ENGL 103 Critical Reading, (3) Writing and Thinking
As of F17, Course Number = UWRITING 48			
OR			OR
e) UWRITING 19 Wrtg Research Papers		(4)	ENGL 103 Critical Reading, (3) Writing and Thinking
As of F17, Course Number = UWRITING 49			
END OF MAJOR			

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

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

Special Advising Note:

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

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

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

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

ONE COURSE FROM THE FOLLOWING:

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

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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)	BIOSCI OR		Molecular and Cellular Biology	(4)
				 BIOSCI 	-	Molecular and Cellular Biology - Honors	(4)
BIOLSCI	2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI	106	Organismal and Environmental Biology	(4)
BIOLSCI	2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)
CHEM 2A	Gei	nl Chemistry	(5)	 CHEM 20 OR	1	General Chemistry I	(6)
				CHEM 20	1H	General Chemistry I - Honors	(6)
CHEM 2B	Gei	nl Chemistry	(5)	CHEM 20 CHEM 20		General Chemistry I General Chemistry II	(6) (5)
PHYSICS PHYSICS		Principles Physics Principles Physics OR	. ,	!		E COURSE E COURSE OR	
PHYSICS	7A	General Physics	(4)	PHYSIC PHYSIC	_	General Physics I General Physics II	(4) (4)
PHYSICS	7в	General Physics	(4)		110 <u>&</u>	General Physics I	(4) (4)
PHYSICS	7C	General Physics	(4)	PHYSIC	110 <u>&</u>	General Physics I General Physics II	(4) (4)
							/

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

MATH 16A	Short Calculus	(3)	MATH	211	Calculus	I	(5)
MATH 16B	Short Calculus	(3)	MATH	212	Calculus	II	(5)
	OR				OR		
MATH 17A	Calculus for BioSci	(4)	NO CC	URSE	ARTICULATE	D: College	has not
			submi	tted	course(s)	for articu	lation

MATH 17B	Calculus for Biosci	(4)): College has n	
			submitted	course(s) f	for articulation	L
	OR			OR		
MATH 21A	Calculus	(4)	MATH 211	Calculus	I (5)
MATH 21B	Calculus	(4)	MATH 212	Calculus	II (5)
ENV S&P 1	Env Analysis	(4)	NO COMPARA	ABLE COURSE		

PREPARATION FOR GRADUATION:

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Plant of Plant (2P) and Tatamatical Parallement (TP) Provide time Vate

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

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

ECON 1A	Princ of Microecon	(4)	ECON	202	Microeconomics	(3)
ECON 1B	Princ of Macroecon	(4)	ECON	201	Macroeconomics	(3)
	Elementary Statistics	(4)	MATH	140	-	(4)
Same as:	STATIST 13Y				Statistics	
			9	<u>DR</u>		
			MATH	140H	Introductory	(4)
					Statistics - Honors	
			(OR		
			PSYCE	104	Statistics for the	(3)
			j		Behavioral Sciences	, ,
	OR		İ		OR	
STATIST 32	Stat Anlys Thru Comp	(4)	NO CO	MPARAR	T.E. COTTRSE	
	title = Gateway to Data Sc			J1-11 7 11 (7 11D		
AS OI FIG,		161106	=			
MATH 16A	Short Calculus	(3)	MATH	211	Calculus I	(5)
MATH 16B			!	212		(5)
	OR	(5)			OR	(0)
MATH 21A		(4)	l Matu	211	Calculus I	(5)
		, ,	!			` '
MATH 21B	Calculus	(4)	MA'I'H	212	Calculus II	(5)

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

END OF MAJ	OR			
MATH 22A	Linear Algebra	(3) MATH 214	Linear Algebra	(3)
MATH 21C	Calculus	(4) MATH 213	Calculus III	(5)

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

Special Advising Note:

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

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

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

In addition to completing preparatory courses for the major, students must also meet UC transfer admission requirements by the close of spring term for fall enrollment at UC Davis. In order to receive priority consideration it is

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

Calculus	(4) MATH 211	Calculus I	(5)
Calculus	(4) MATH 212	Calculus II	(5)
Calculus	(4) MATH 213	Calculus III	(5)
Vector Analysis	(4) MATH 213	Calculus III	(5)
Linear Algebra	(3) MATH 214	Linear Algebra	(3)
Differntl Equations	(3) MATH 215	Differential Equations	(3)
Classical Physics	PHYSIC 221 &	Scientists and Engineers: Mechanics of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism	(4)
	Linear Algebra Differntl Equations	Calculus (4) MATH 212 Calculus (4) MATH 213 Vector Analysis (4) MATH 213 Linear Algebra (3) MATH 214 Differntl Equations (3) MATH 215 Classical Physics (5) PHYSIC 220 (9) PHYSIC 221 (9)	Calculus (4) MATH 212 Calculus II Calculus (4) MATH 213 Calculus III Vector Analysis (4) MATH 213 Calculus III Linear Algebra (3) MATH 214 Linear Algebra Differntl Equations (3) MATH 215 Differential Equations Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and Engrs: Waves, Heat,

a) PHYSICS 9B	Classical Physics	(5)	PHYSIC 22 	20 <u>&</u>	Scientists and Engineers: Mechanics of Solids and	(4)
			 PHYSIC 22 	21 <u>&</u>	Fluids Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 22 	22	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 22 	20 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
				_	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 22 	22	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
			l			
	Modern Physics				COURSE	
	Modern Physics Genl Chemistry		CHEM 201 OR		COURSE 	
			CHEM 201 OR	I (COURSE	
a) CHEM 2A		(5)	CHEM 201 <u>OR</u> CHEM 201E 	H :	COURSE General Chemistry I General Chemistry I - Honors Lectrical Circuits	(6) (4)
a) CHEM 2A	Genl Chemistry Circuits I	(5)	CHEM 201 <u>OR</u> CHEM 201H ENGR 153 CMPSCI 11	H (COURSE General Chemistry I General Chemistry I - Honors lectrical Circuits	(6) (4)
a) CHEM 2A a) ENGIN 17	Genl Chemistry Circuits I Programming&Prob	(5)	CHEM 201 OR CHEM 201H ENGR 153 CMPSCI 11	H (COURSE General Chemistry I General Chemistry I - Honors Iectrical Circuits Introduction to Computer Algorithms	(6) (4) (3)
a) CHEM 2A a) ENGIN 17	Genl Chemistry Circuits I Programming&Prob Solving	(5)	CHEM 201 OR CHEM 201H ENGR 153 CMPSCI 11	H :	COURSE General Chemistry I General Chemistry I - Honors Introduction to Computer Algorithms and Programming/JAVA	(6) (4) (3)
a) CHEM 2A a) ENGIN 17 a) ENG CS 30 a) ENG CS 36	Genl Chemistry Circuits I Programming&Prob Solving REQUIRED	(5) (4) (4)	CHEM 201 OR CHEM 201E ENGR 153 CMPSCI 11 CMPSCI 23 CMPSCI 23 CMPSCI 23	H :	COURSE General Chemistry I General Chemistry I - Honors lectrical Circuits Introduction to Computer Algorithms and Programming/JAVA C Programming	(6) (4) (3)
a) CHEM 2A a) ENGIN 17 a) ENG CS 30 a) ENG CS 36	Genl Chemistry Circuits I Programming&Prob Solving REQUIRED	(5) (4) (4)	CHEM 201 OR CHEM 201E ENGR 153 CMPSCI 11 CMPSCI 23 CMPSCI 23 CMPSCI 23	H :	COURSE General Chemistry I General Chemistry I - Honors lectrical Circuits Introduction to Computer Algorithms and Programming/JAVA C Programming	(6) (4) (3)
a) CHEM 2A a) ENGIN 17 a) ENG CS 30 a) ENGIN 6	Genl Chemistry Circuits I Programming&Prob Solving REQUIRED	(5) (4) (4)	CHEM 201 OR CHEM 201 OR	H E	COURSE General Chemistry I General Chemistry I - Honors Introduction to Computer Algorithms and Programming/JAVA C Programming COURSE English Composition	(6) (4) (3) (3) (3)
a) CHEM 2A a) ENGIN 17 a) ENG CS 30 a) ENGIN 6	Genl Chemistry Circuits I Programming&Prob Solving REQUIRED Engr Prob Solving	(5) (4) (4)	CHEM 201 OR CHEM 201 OR	E	COURSE General Chemistry I General Chemistry I - Honors lectrical Circuits Introduction to Computer Algorithms and Programming/JAVA C Programming COURSE	(6) (4) (3)
a) CHEM 2A a) ENGIN 17 a) ENG CS 30 a) ENGIN 6	Genl Chemistry Circuits I Programming&Prob Solving REQUIRED Engr Prob Solving	(5) (4) (4)	CHEM 201 OR CHEM 201 OR	E	COURSE General Chemistry I General Chemistry I - Honors lectrical Circuits Introduction to Computer Algorithms and Programming/JAVA C Programming COURSE English Composition Honors - English	(6) (4) (3) (3) (3)

For certain majors, the College of Engineering requires one English course as part of its lower-division preparation. However, the University requires two courses in English composition for transfer admission eligibility. When chosen

carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office at (530)752-1979 if you have any questions.

a) COMUNCN 1	Intro Public Spkg	(4) COMS 105	Fundamentals of Public Speaking	(3)
	OR	<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors OR	(3)
a) COMUNCN 3	Intprsnl Com Cmpetnce	(4) COMS 246	Interpersonal Communication	(3)

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ENGLISH 3 I	ntro to Lit	(4)	!		ARTICULATED: College has course(s)for articulation	
	OR				OR	
UWRITING 1	Expository Writing	(4)	ENGL :		English Composition	(3)
			O 1	R		
			ENGL	101H	Honors - English	(4)
					Composition	
ENGLISH 10A	Literatures in English	(4)	ENGL :	250	British Literature I	(3)
	I: To 1700					
b) ENGLISH 10B	Literatures in	(4)	ENGL :	251	British Literature II	(3)
	English II:		OR			
	1700-1900		ENGL	260	American Literature I	(3)
b) ENGLISH 10C	Literatures in	(4)	ENGL :	251	British Literature II	(3)
	English III: 1900		OR			
	to Present		ENGL	261	American Literature II	(3)

ONE COURSE FROM THE FOLLOWING:

ENGLISH	40	Intro	Topics	in	Lit	(4)	ENG:	L 2	270	Introductio			(3)
										African Ame	erican		
										Literature			
ENGLISH	43	Intro	Topics	in	Drama	(4)	NO (COU	JRSE	ARTICULATED:	College	has	not
							subi	mit	ted	course(s)for	articula	ation	n
ENGLISH	44	Intro	Topics	in	Fiction	(4)	ENG:	L 2	264	Study of Fi	ction		(3)
ENGLISH	45	Intro	Topics	in	Poetry	(4)	ENG:	L 2	263	Introduction	on to Poe	etry	(3)

END OF MAJOR

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the

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

Transfer Admission Guarantee (TAG) Note:

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

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.

avarrabre r	Tom our ind webbiec.				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	 віоѕсі 107 	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107	H Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106		(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 	31	(4)
CHEM 2A	Genl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
			CHEM 201H 	General Chemistry I - Honors	(6)
	Genl Chemistry		CHEM 202	General Chemistry I General Chemistry II	(6) (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARA		
MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus OR		 MATH 212 		(5)
MATH 17A	Calculus for BioSci		submitted	ARTICULATED: College has course(s) for articulation	on
MATH 17B	Calculus for Biosci	(4)	•	ARTICULATED: College has course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	
	OR			course(s) for articulation	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C		(4)	MATH 213	Calculus III	(5)
PHYSICS 1A	Principles Physics	(3)	 NO COMPARA	BLE COURSE	
	Principles Physics		•		
	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
	OR	,		OR	
STATIST 32 As of F18,	title = Gateway to Data Sci		1		
DI 007 01	OR	(3)	 NO GOVERN	OR	
PL SCI 21	Computers in Technology	(3)	INO COMPARA	BLE COURSE	

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

	REQUIRED	FOR .	ADMISSI	ON:		
MATH 21A MATH 21B MATH 21C MATH 21D MATH 22A MATH 22B	Calculus	(4) (4)	MATH 2	12 13	Calculus II Calculus III	(5) (5) (5) (5) (3) (3)
CHEM 2A	Genl Chemistry	(5)	OR			
			CHEM 2		General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)			General Chemistry I General Chemistry II	
CHEM 2C	Genl Chemistry	(5) 	CHEM 2	02 	General Chemistry II	(5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 	220 <u>8</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	
			PHYSIC 	221 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC	220 <u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 	221 <u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			 PHYSIC 	222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
ENGIN 35	Statics	(4)	 ENGR 1	 52	Statics	(3)
ENGIN 6	Engr Prob Solving OR	(4)	NO COM	PARABI	LE COURSE OR	
ENG CS 30	Programming&Prob Solving	(4)	 CMPSCI OR		Introduction to Computer Algorithms and Programming/JAVA	(3)
As of E	18 Course Number - FNG CS	364	CMPSCI		C Programming	(3)

As of F18, Course Number = ENG CS 36A

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

ENGLISH 3	Intro to Lit	(4)	!	ARTICULATED: College has course(s) for articulation	
	OR		İ	OR	
UWRITING 1	Expository Writing	(4)	ENGL 101	English Composition	(3)
			OR		
			ENGL 101H	Honors - English	(4)
			İ	Composition	
ATM SCI 60	Intro to Atmospheric	(4)	NO COMPARA	ABLE COURSE	
	Science		İ		
	OR		İ	OR	
c) GEOLOGY 50	Physical Geology	(3)	GEOL 101	Physical Geology	(3)
f)			ĺ		

END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001

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 (ICETC)/ HC Davis General

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

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

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

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

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

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

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

Advanged Discount (AD)and International Description (ID) Eveningtion Note:

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.

ENVHORT 1 ENVHORT 6	Intro Envhort/Urb For Intro Environ Plants	(3) NO COMPARABLE COURSE (4) NO COMPARABLE COURSE
LND ARC 3	0 History Environ Design	(4) NO COMPARABLE COURSE
BIOLSCI 2	A Intro Biology:Life on Earth	(5) BIOSCI 107 Molecular and (4) Cellular Biology OR
		BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2	B Intro Biology: Ecology & Evolution	(5) BIOSCI 106 Organismal and (4) Environmental Biology
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5) CHEM 201 General Chemistry I (6)

CHEM 2B Genl Chemistry	(5)	OR CHEM 201H General Chemistry I - (6) Honors CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
ENV S&P 1 Env Analysis OR	(4)	NO COMPARABLE COURSE OR
ENV S&P 10 Current Issues in Environment	(- /	NO COMPARABLE COURSE
ENV S&P 10 not open for credit to OR	stude	ents who have completed ENV S&P 1 OR
ENV S&P 30 Global Ecosystem Same as: ENV SC&M 30	(3)	,
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics		
PL SCI 21 Computers in Technology	(3)	NO COMPARABLE COURSE
MATH 16A Short Calculus OR	(3)	MATH 211 Calculus I (5)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	Statistics
		OR MATH 140H Introductory (4) Statistics - Honors OR
		PSYCH 104 Statistics for the (3) Behavioral Sciences

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal

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.

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

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

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

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

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

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

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

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

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

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

		Public Speaking			
		OR			
		COMS 105H Fundamentals in (3) Public Speaking- Honors			
COMUNCN 3 Intprsnl Com Cmpetnce	(4)	OR COMS 246 Interpersonal (3) Communication			
OR DRAMART 10 Intro To Acting	(4)	OR NO COMPARABLE COURSE			
BIOLSCI 2A Intro Biology:Life on Earth	(5)	Cellular Biology			
OR		<u>OR</u> BIOSCI 107H Molecular and (4) Cellular Biology - Honors OR			
BIOLSCI 10 Everyday Biology	(4)	BIOSCI 100 General Biology (4) OR			
		BIOSCI 100H General Biology - (4) Honors			
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)			
		CHEM 201H General Chemistry I - (6) Honors			
CHEM 10 Concept of Chem	(4)	OR NO COMPARABLE COURSE			
PHYSICS 1A Principles Physics	(3)	NO COMPARABLE COURSE			
BIOLSCI 2B Intro Biology: Ecology & Evolution	(5)	Environmental Biology			
OR CHEM 2B Genl Chemistry	(5)	OR CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)			
OR PHYSICS 1B Principles Physics	(3)	OR NO COMPARABLE COURSE			
ONE COURSE FR					
PL SCI 21 Computers in Technology					
OR	(3)	OR NO COURSE ARTICULATED: College has not			
		submitted course(s) for articulation			
ECON 1A Princ of Microecon ECON 1B Princ of Macroecon	(4)	ECON 201 Macroeconomics (3)			
ONE COURSE FROM THE FOLLOWING:					
AN SCI 1 Domest Ani & People ATM SCI 60 Intro to Atmospheric Science					
f) GEOLOGY 1 The Earth PL SCI 12 Plants and Society Same as: SCI&SOC 12 FORMERLY PLANT BIO 12		GEOL 101 Physical Geology (3)			
		NO COURSE ARTICULATED: College has not submitted course(s) for articulation			

ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
MATH 16A			MATH 211 Calculus I (5)
MATH 16B	Short Calculus OR	(3)	MATH 212 Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A		(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus 	(4)	MATH 212 Calculus II (5)
		(4)	POLISC 150 Introduction to (3) American Government and Politics
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics OR
			MATH 140H Introductory (4) Statistics - Honors OR
	OR		PSYCH 104 Statistics for the (3) Behavioral Sciences OR
	Stat Anlys Thru Comp title = Gateway to Data Sc	ienc	
			NGE POLICY AREA:
SCI&SOC 25		-	NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

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

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is https://doi.org/10.1001/journal.com/ 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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

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

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

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

COMUNCN 1	Intro Public Spkg	(4)	 COMS 105 	Fundamentals of Public Speaking	(3)
			<u>OR</u> COMS 105H 	Fundamentals in Public Speaking-	(3)

on.		Honors
OR COMUNCN 3 Intprsnl Com Cmpetnce	(4)	OR COMS 246 Interpersonal (3)
COMMON 3 Intepression Com Competitive	(-)	Communication (3)
OR		OR
DRAMART 10 Intro To Acting	(4)	NO COMPARABLE COURSE
BIOLSCI 2A Intro Biology:Life on	(5)	BIOSCI 107 Molecular and (4)
Earth	(3)	Cellular Biology
		OR
		BIOSCI 107H Molecular and (4)
		Cellular Biology -
BIOLSCI 2B Intro Biology: Ecology	(5)	Honors BIOSCI 106 Organismal and (4)
& Evolution	(3)	Environmental
#v=#v==		Biology
BIOLSCI 2C Intro Biology:	(5)	BIOSCI 106 Organismal and (4)
Biodiversity & the Tree		Environmental
of Life		Biology
CHEM 2A Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
	(0)	OR
		CHEM 201H General Chemistry I - (6)
		Honors
CHEM 2B Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
OR		CHEM 202 General Chemistry II (5) OR
	(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
f) GEOLOGY 1 The Earth	(4)	GEOL 101 Physical Geology (3)
OR	(1)	OR
c) GEOLOGY 50 Physical Geology	(3)	GEOL 101 Physical Geology (3)
f)		
DHYSICS 1A Principles Physics	(3)	NO COMPARABLE COURSE
PHYSICS 1A Principles Physics PHYSICS 1B Principles Physics	(3)	NO COMPARABLE COURSE
OR	(-)	OR
PHYSICS 7A General Physics	(4)	PHYSIC 110 & General Physics I (4)
DIWATAA ID	(1)	PHYSIC 111 General Physics II (4)
PHYSICS 7B General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C General Physics	(4)	PHYSIC 111 General Physics I (4) PHYSIC 110 & General Physics I (4)
	, ,	PHYSIC 111 General Physics II (4)
It is highly recommended that students		mplete an entire physics series at
		t to the entire UC Davis Physics 7A/B/C
series before transferring. Students wis series may be required to take addition		
Davis, and will need to meet with a UC		
physics.	200	.12 dav1201 201010 0011011141115 111011
		ECON 202 Microeconomics (3)
		MATH 211 Calculus I (5)
		MATH 212 Calculus II (5)
OR	, 5 ,	OR
MATH 17A Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
MARKY 150	/ A ·	submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
OR		submitted course(s) for articulation OR
021		021

MATH 21A Calculus MATH 21B Calculus		:	(5) (5)			
ENV S&P 1 Env Analysis	(4) 	NO COMPARABLE COURSE				
RECOMMENDED COU	RSES	FOR THIS MAJOR:				
CHEM 2C Genl Chemistry OR	(5)	CHEM 202 General Chemistry II OR	(5)			
CHEM 2CH Honors Genl Chemistry		submitted course(s) for articulatio				
		<u> </u>				
PREPARATION	FOR	GRADUATION:				
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	Statistics	(4)			
		Statistics - Honors	(4)			
		OR PSYCH 104 Statistics for the Behavioral Sciences	(3)			
ECOLOGY, BIODIVERSITY,	ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:					
ATM SCI 60 Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE 				
CLIMATE CHANG	 E AN	D AIR QUALITY TRACK:				
ATM SCI 60 Intro to Atmospheric Science	(4)	NO COMPARABLE COURSE				
WATERSHED	SCI	ENCE TRACK:				
HYDRO S 10 Water, Power, Society Same as: SCI&SOC 10	(3)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio				
GEOLOGY 35 Rivers	(3)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	not			
LND ARC 60 Landform Grading Studio		NO COMPARABLE COURSE				
END OF MAJOR						

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

====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 <a href="https://doi.org/10.10/10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journal-no.10.2016/journa

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

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

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

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

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

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

avallable i	.rom our TAG website.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			<u>OR</u>
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry		CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5) OR
CHEM 2AH		(5)	NO COURSE ARTICULATED: College has not
CHEM 2BH	Honors Genl Chemistry	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
CHEM 2CH	Honors Genl Chemistry	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	AND		AND
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5)
arrent 110a	0 01 777.1 2 0 1	(4)	CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci OR	(4)	CHEM 256 Organic Chemistry II (5) OR
CHEM 128A	Organic Chemistry	(3)	CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry	(3)	CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 255 Organic Chemistry I (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
100		(4)	submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
	OR		submitted course(s) for articulation
машт 21 а		(1)	OR MATH 211 Calculus I (5)
MATH 21A MATH 21B			!
MATH 21B			MATH 212 Calculus II (5) MATH 213 Calculus III (5)
		/	
	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)

| PHYSIC 111 | General Physics II (4) | PHYSIC 110 & General Physics I (4)

PHYSIC 111 General Physics II (4)

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis

requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u>

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Advanced Discount (AD) and Tata working a Description (TD) Francischian Webs.

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 (5) BIOSCI 107 Molecular and (4)

Earth OR

BIOSCI 107H Molecular and (4)

Cellular Biology
Honors

BIOLSCI 2B Intro Biology: Ecology (5) BIOSCI 106 Organismal and (4)

Expolution Environmental

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		Biology BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
	Organic Chem-Brief		!
CHEM 8B	Organic Chem-Brief	(4) 	NO COMPARABLE COURSE
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A			MATH 211 Calculus I (5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II (5)
PHYSICS 1A	Principles Physics	(3)	
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
			NDED:
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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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 (5) | BIOSCI 107 | Molecular and (4) | Cellular Biology | OR | BIOSCI 107H | Molecular and (4) | Cellular Biology - Honors | Honors | BIOLSCI 2B | Intro Biology: Ecology (5) | BIOSCI 106 | Organismal and (4) | Environmental

BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	Biology BIOSCI 106 Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I OR	(6)
			CHEM 201H General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I CHEM 202 General Chemistry II	(6) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II	, ,
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	. ,	NO COMPARABLE COURSE OF COMPARABLE COURSE	
	OR		OR	
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I	(5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	·	(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	!	(5) (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has	not
MARIT 170		(1)	submitted course(s) for articulatio	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
	OR		OR	
MATH 21A	Calculus		MATH 211 Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II	(5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 <u>&</u> General Physics I	(4)
_			PHYSIC 111 General Physics II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111 General Physics II PHYSIC 110 & General Physics I	(4) (4)
11110100 /0	ocherar Fliyarea		PHYSIC 111 General Physics II	(4)
Tt is high	ly recommended that students		mplete an entire physics series at	. ,

Riology

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

RECOMMENDED:

MATH 21C Calculus (4) | MATH 213 Calculus III (5)

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

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

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

CHEM 2A	Genl C	hemistry	(5)	CHEM C	201 OR	-	General	Chemistry I	(6)
				CHEM	201		General Honors	Chemistry I -	(6)
CHEM 2B	Genl C	hemistry	(5)	CHEM		_		Chemistry I Chemistry II	(6) (5)
CHEM 2C	Genl C	hemistry	(5)	CHEM				Chemistry II	(5)
B) ENG CS	15 I:	ntro to Computers OR	(4)	NO CC	OMP	ARABLE	COURSE OF		
ENG CS 30	Prog	ramming&Prob Solving	(4)	CMPSC	CI 1	.11	Comput	duction to ter Algorithms rogramming/JAVA	(3)
					OR CI 2	235	C Prog	gramming	(3)

As of F18, Course Number = ENG CS 36A

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

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

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

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

					of Solids and	
			ļ		Fluids	
			PHYSI	C 221 <u>8</u>	Physics for	(4)
			 		Scientists and Engineers:	
			 		Electricity and	
			 		Magnetism	
			PHYSI	C 222	Physics for Sci and	(4)
					Engrs: Waves, Heat,	
					Optics and Modern	
UVCTCC OC	Classical Physics	/ E \	 DUVCT	a 220 .	Physics	(4)
.115165 76	Classical Filysics	(3)		C 220 <u>e</u>	Scientists and	(1)
			İ		Engineers: Mechanics	
					of Solids and	
			[Fluids	
			PHYSI	C 221 <u>8</u>	Physics for	(4)
			 		Scientists and	
			 		Engineers: Electricity and	
					Magnetism	
			PHYSI	C 222	_	(4)
			ļ		Engrs: Waves, Heat,	
					Optics and Modern	
			l 		Physics	
TATIST 13	Elementary Statistics	(4)	MATH	140	Introductory	(4)
Same as	: STATIST 13Y		į		Statistics	
			_	<u>R</u>	1 .	(4)
			MATH	140H	Introductory Statistics - Honors	(4)
) 0:	R	Statistics Honors	
			PSYCH	104	Statistics for the	(3)
					Behavioral Sciences	
EX&CL 6	Intro Textiles	(4)	NO CO	MPARABI	LE COURSE	
EX&CL 8	Textile Apparel Ind	(4)	NO CO	MPARABI	LE COURSE	
			i			
	OR				OR	
NIGINI 45		(4)	 	151 6		(2)
NGIN 45	Prop of Mats	(4)	 ENGR	151 <u>&</u>	Materials of	(3)
NGIN 45		(4)	 ENGR ENGR	151 <u>&</u> 151L	Materials of	
IGIN 45		(4)	 ENGR ENGR	_ 151L	Materials of Engineering	(3)
NGIN 45		(4)	 ENGR ENGR 	_ 151L	Materials of Engineering Materials of	(1)
NGIN 45			 ENGR 	_ 151L 	Materials of Engineering Materials of Engineering Lab	(1)
	Prop of Mats PREPARATIO	ON FOR	 ENGR 	151L 	Materials of Engineering Materials of Engineering Lab	(1)
 HEM 128A	Prop of Mats PREPARATIO Organic Chemistry	ON FOR (3)	ENGR GRADU	151L ATION: 255	Materials of Engineering Materials of Engineering Lab Organic Chemistry I	(1)
HEM 128A HEM 128B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry	ON FOR (3) (3)	ENGR ENGR CHEM CHEM CHEM CHEM	151L ATION: 255 255 &	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry I	(1) (5) (5)
HEM 128A HEM 128B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry	ON FOR (3) (3)	ENGR ENGR CHEM CHEM CHEM CHEM	151L ATION: 255 255 &	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry I	(1) (5) (5)
HEM 128A HEM 128B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry	ON FOR (3) (3)	ENGR ENGR CHEM CHEM CHEM CHEM	151L ATION: 255 255 &	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry I	(1) (5) (5)
HEM 128A HEM 128B	Prop of Mats PREPARATIO Organic Chemistry	(3) (3) (3) (2) (2)	GRADU. CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	ATION: 255 255 256 256 255 255 255	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry I	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 128C HEM 129A HEM 129B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry	(3) (3) (3) (2) (2)	GRADU. CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	151L ATION: 255 255 & 256 256 255 & 255	Materials of Engineering Materials of Engineering Lab 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	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 128C HEM 129A HEM 129B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab	(3) (3) (3) (2) (2)	ENGR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM	151L ATION: 255 255 & 256 255 & 255 256	Materials of Engineering Materials of Engineering Lab 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	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 128C HEM 129A HEM 129B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab	(3) (3) (3) (2) (2)	ENGR ENGR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM COURSE	151L ATION: 255 255 & 256 255 & 255 255	Materials of Engineering Materials of Engineering Lab 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	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 128C HEM 129A HEM 129B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab Organic Chem Lab	(3) (3) (3) (2) (2) (2)	ENGR ENGR	151L ATION: 255 255 & 256 255 & 256 202	Materials of Engineering Materials of Engineering Lab 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 Organic Chemistry I Organic Chemistry II Microeconomics	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 129A HEM 129B CON 1A CON 1B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab Organic Chem Lab	(3) (3) (2) (2) (2) CTIVE (4) (4)	ENGR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM COURSE ECON ECON	ATION: 255 255 256 256 255 256 <u>S</u> : 202 201	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry II Microeconomics Macroeconomics	(1) (5) (5) (5) (5) (5) (5)
HEM 128A HEM 128B HEM 129A HEM 129B	Prop of Mats PREPARATIO Organic Chemistry Organic Chemistry Organic Chemistry Organic Chem Lab Organic Chem Lab Organic Chem Lab Organic Chem Lab	(3) (3) (2) (2) (2) 	ENGR CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM CHEM COURSE ECON ECON ECON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON CON	151L ATION: 255 255 & 256 255 & 256 202 201	Materials of Engineering Materials of Engineering Lab Organic Chemistry I Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry II Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry I Organic Chemistry II Microeconomics Macroeconomics	(1) (5) (5) (5) (5) (5) (5) (

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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COMUNCN 1	Intro Public Spkg	(4)	COMS 105 Fundamentals of (3) Public Speaking OR
			COMS 105H Fundamentals in (3) Public Speaking- Honors
MATH 16A MATH 16B MATH 16C		(3)	MATH 211
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) <u>OR</u>
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 8A	Organic Chem-Brief AND	(2)	NO COMPARABLE COURSE AND
CHEM 8B	Organic Chem-Brief OR	(4)	NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci AND	(4)	CHEM 255 Organic Chemistry I (5) AND
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)

	OR			OR	
CHEM 128A	Organic Chemistry	(3)	CHEM 255	Organic Chemistry I	(5)
	AND			AND	
CHEM 128B	Organic Chemistry	(3)	CHEM 255 &	Organic Chemistry I	(5)
			CHEM 256	Organic Chemistry II	(5)
	AND			AND	
CHEM 129A	Organic Chem Lab	(2)	CHEM 255	Organic Chemistry I	(5)
				A G 1 Dl ' T	
PHYSICS 7A	General Physics		PHYSIC 110	_	(4)
			PHYSIC 111	-	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110		(4)
			PHYSIC 111	General Physics II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110	& General Physics I	(4)
			PHYSIC 111	General Physics II	(4)
Tt is highly	recommended that	atudenta con	mlete an e	ntire physics series at	

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

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FD S&T 50	Intro Food Preservation	(3) NO COMPARABLE	COURSE	
NUTR 10	Discoveries and Concepts	(3) HLHSCI 150	Nutrition (3)

RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES:

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it 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 Coneral Education Transfer Curriculum (ICETC) / IC Davis Coneral

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

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

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

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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.

WOM STD 50	Intro Gender Studies			ARTICULATED: College has not
			submitted	course(s) for articulation
WOM STD 60	Feminist Critiques			ARTICULATED: College has not
		ĺ	submitted	course(s) for articulation
WOM STD 70	Sexual:Thry&Hist	(4)	NO COURSE	ARTICULATED: College has not
			submitted	<pre>course(s) for articulation</pre>

TWO COURSES FROM THE FOLLOWING:

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

COMPLIT 12 Intro Women Writers	٠,	NO COMPARABLE COURSE
DRAMART 1 Theatre, Performance and Culture	(4)	NO COMPARABLE COURSE
ENGLISH 3 Intro to Lit	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 72A Am Women & Gender	(4)	NO COMPARABLE COURSE
HISTORY 72B Am Women & Gender	, ,	NO COMPARABLE COURSE
HISTORY 85 Nat, Man&Mach/Amer	. ,	NO COMPARABLE COURSE
N A STD 10 NA Experience	. ,	NO COMPARABLE COURSE
N A STD 32 NA Music & Dance		NO COMPARABLE COURSE
POL SCI 7 Law & Politics		NO COMPARABLE COURSE
PSYCH 1 General Psychology		PSYCH 101 Introduction to (3)
	(- /	Psychology
		OR
		PSYCH 101H Introduction to (3)
		Psychology - Honors
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 COURSE ARTICULATED: College has not
Culture		submitted course(s) for articulation
Same as: ANTHRO 32		
SOCIOL 2 Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3 Social Problems	(4)	SOCI 207 Social Problems (3)
SOCIOL 11 Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
Employment		submitted course(s) for articulation
SOCIOL 30A Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
SOCIOL 30B Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation
TEX&CL 7 Style & Cult Std	, ,	NO COMPARABLE COURSE
e) UWRITING 19 Wrtg Research	(4)	ENGL 103 Critical Reading, (3)
Papers		Writing and Thinking
As of F17, Course Number = UWRITING		
WOM STD 20 Cult Repr of Gndr	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s) for articulation

END OF MAJOR

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

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

	Earth		Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	, 9-
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry OR	(5)	CHEM 202 General Chemistry II (5)
CHEM 2AH		(5)	NO COURSE ARTICULATED: College has not
CHEM 2BH	Honors Genl Chemistry	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
CHEM 2CH	Honors Genl Chemistry	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
CHEM 8A	Organic Chem-Brief		NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief OR	• •	NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B		(4)	CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci		CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not
МАТН 17В	Calculus for Biosci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
MATH 17C	Calculus for BioSci	(4)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A MATH 21B	Calculus Calculus		MATH 211 Calculus I (5) MATH 212 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4)
It is highl	v recommended that students	s co	PHYSIC 111 General Physics II (4)

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

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RE		ALCINI	ルロレミ

MATH 21C Calculus (4) | MATH 213 Calculus III (5)

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Plantal Plantan (2D) and Tatamatical Parallements (TD) Familia Value

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.

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

MATH 16B Short Calculus OR	(3)	MATH 212 	Calculus II OR	(5)				
MATH 21A Calculus MATH 21B Calculus	(4)	 MATH 211 MATH 212	Calculus I	(5)				
CHEM 2A Genl Chemistry	(5)	OR	_					
			General Chemistry I - Honors					
CHEM 2B Genl Chemistry		CHEM 202	General Chemistry I General Chemistry II	(5)				
PHYSICS 7A General Physics		PHYSIC 110 &		(4)				
PHYSICS 7B General Physics	(4)	PHYSIC 110 &		(4)				
It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.								
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)				
			Introductory Statistics - Honors	(4)				
OR		PSYCH 104	Statistics for the Behavioral Sciences OR	(3)				
STATIST 32 Stat Anlys Thru Comp As of F18, title = Gateway to Data Sc		!	E COURSE					
RECOMMENDED COURSES:								

PHYSICS 7C General Physics (4) PHYSIC 110 $\underline{\&}$ General Physics I (4) PHYSIC 111 General Physics II (4)

END OF MAJOR

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

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

h) GEOLOGY 3 History of Life GEOLOGY 3L History of Life Lab	
c) GEOLOGY 50 Physical Geology f)	:
GEOLOGY 50L Physical Geol Lab	(2) GEOL 101L Physical Geology (1) Laboratory
GEOLOGY 60 Earth Materials:Intr	o (4) NO COMPARABLE COURSE
GEOLOGY 62 Optical Mineralogy	(2) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
MATH 21A Calculus	(4) MATH 211 Calculus I (5)
MATH 21B Calculus	(4) MATH 212 Calculus II (5)
MATH 21C Calculus	(4) MATH 213 Calculus III (5)
CHEM 2A Genl Chemistry	(5) CHEM 201 General Chemistry I (6) OR
	CHEM 201H General Chemistry I - (6) Honors
CHEM 2B Genl Chemistry	(5) CHEM 201 & General Chemistry I (6)
-	CHEM 202 General Chemistry II (5)

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

CHEM 2C Genl Chemistry	(5) CHEM 202	General Chemistry II (5)
STATIST 32 Stat Anlys	Thru Comp (4) NO COMPAN	RABLE COURSE
As of F18, title = Gateway	ay to Data Science	
PHYSICS 7A General Phy	ysics (4) PHYSIC 1	10 & General Physics I (4)

			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
			PHYSIC	111		General	Physics	TT	(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)	PHYSIC 			Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC			Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9B	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS	9C	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

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

RECOMMENDED COURSES:

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

GEOCHEMISTRY/PETROLOGY OPTION:

STATIST 32	2	(4)	NO COME			eneral Chemistry II COURSE	(5)
MATH 21D PHYSICS 9A	Vector Analysis	(4)	MATH 21			Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(5)
			PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9B	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC	221	<u>&</u>		(4)
			PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	RECOMMENT	DED (COURSES	:			
MATH 22A PHYSICS 9C	Linear Algebra Classical Physics		MATH 21 PHYSIC 			inear Algebra Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(3)(4)
			 PHYSIC 	221	<u>&</u>		(4)
			PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
	QUANTITATIVE/	GEOPI	HYSICS C	PTI	ON:		
	Linear Algebra	(3)	MATH 21 MATH 21 PHYSIC 	L 4	L:	alculus III inear Algebra Physics for Scientists and Engineers: Mechanics	(5) (3) (4)

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

RECOMMENDED COURSES:

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

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

Advanced Discount (3D) and Intermediated Description (ID) Essential Nation

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.

GERMAN 1	Elementary German	(5) GERMAN 101 Elementary German I (4)
GERMAN 2	Elementary German	(5) GERMAN 101 & Elementary German I (4)
		GERMAN 102 Elementary German II (4)
GERMAN 3	Elementary German	(5) GERMAN 102 Elementary German II (4)
GERMAN 20	Intermediate German	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
GERMAN 21	Intermediate German	(4) NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
GERMAN 22	Intermediate German	(4) NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

avaitable	IIOM OUI TAG WEDSICE.		
GDISBIO 90	Intro Global Disease Bio	(1)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
SCI&SOC 13	Disease and Society	(3)	NO COURSE ARTICULATED:College has not submitted course(s)for articulation
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 20	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 111 General Physics II (4) PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)

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

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

PREPARATION FOR GRADUATION:

STATIST 13	Elementary STATIST 13Y	Statistics	(4)	MATH	140	Introductory Statistics	(4)
Salle as.	SIAIISI ISI			 <u>c</u>	OR.	Statistics	
				MATH	140H	Introductory Statistics - Honors	(4)
				<u> </u>	<u>OR</u>		
				PSYCI 	H 104	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

Special Advising Note:

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

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.

Intergogmental Conoral Education Transfer Curriculum (ICETC) / UC David Conoral

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

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

Five lower-division courses, 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					
	_	Intro African Hist ntinued as of S18	(4)	NO COMPARABLE COURSE					
	B. ASIAN HISTORY								
HISTORY	6	Intro to Middle East	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
			(4)	NO COMPARABLE COURSE					
				NO COMPARABLE COURSE					
HISTORY	9B	East Asian Civ	(4)	NO COMPARABLE COURSE					
		C. EUROPEAN	HI	STORY					
HISTORY	3	Cities: Survey of World Cultures	(4)	NO COMPARABLE COURSE					
HISTORY	4A	Western Civ	(4)	HIST 101 History of Western (3) Civilization: The					
HISTORY	4B	Western Civ	(4)	Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West					
				HIST 102 History of Western (3) Civilization: The Modern Era					
HISTORY	4C	Western Civ	(4)	HIST 102 History of Western (3) Civilization: The Modern Era					
		D. LATIN AMERI	CAN	HISTORY					
HISTORY	7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
HISTORY	7в	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not					
				submitted course(s) for articulation					
HISTORY	7C	Latin America 1900-Present	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation					
		E. U.S.	HI	STORY					
HISTORY	17A	U.S. History	(4)	HIST 111 United States History (3)					
HISTORY	17B	U.S. History	(4)	HIST 112 United States History (3)					
HISTORY	18A	Race in America to 1865	(4)	I and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second					
		Am Women & Gender Am Women & Gender		I control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the cont					

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

College (CCC).

ANTHRO 1 Human Evol Biol

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

Select two of the following courses:

(4) ANTHRO 101 Physical

(3)

					Anthropology	
			<u>OI</u> ANTHRO 		Physical Anthropology -	(3)
ANTHRO 2	Cultural Anthropology	(4)	 ANTHRO 	103	Honors Cultural Anthropology	(3)
As of W17, ANTHRO 15	units=5 Human Life Cycle	(5)	NO COMI	PARABLE	COURSE	
	Select one	e coi	ırse fro	om:		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI OI		Molecular and Cellular Biology	(4)
	OR		· -	<u>-</u> 107н	Molecular and Cellular Biology - Honors OR	(4)
BIOLSCI 10	Everyday Biology	(4)	BIOSCI OI		General Biology	(4)
	OR				General Biology - Honors OR	(4)
MIC BIO 10	Natural History of Infectious Diseases OR	(3)			ICULATED: College has rse(s) for articulation	
NE PH B 12	Human Brain and Disease	(3)	NO COMI	PARABLE	*	
MOL&CB 10	Intro Human Heredity	(4)	BIOSCI 		Principles of Human Genetics	(3)

HISTORY 17A	U.S. History	(4)	HIST 111 United States I	History (3)
HISTORY 17B	-	(4)	OR HIST 112 United States I	History (3)
HISTORY 72A	OR Am Women & Gender OR	(4)	OR NO COMPARABLE COURSE OR	
HISTORY 72B	Am Women & Gender OR	(4)	NO COMPARABLE COURSE OR	
POL SCI 1	Amer Natl Govt	(4)	POLISC 150 Introduction American Government and Politics	
	Select two of th	e fo	lowing courses:	
PHILOS 15 PHILOS 30	Critical Reasoning Intro to Bioethics Intro Philos of Sci Scientific Reason Scientific Change Intro Philos of Biol	(4) (4)	PHILOS 106 Critical Reason Comparable Course NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE	
NE PH B 10	Elem Human Physio	(3)	BIOSCI 204 Human Anatom Physiology I	
			BIOSCI 205 Human Anatom Physiology I	I
PSYCH 1 (General Psychology	(4)		to (3)
			Psychology -	
PSYCH 41	Select one of the Research Methods		owing options: PSYCH 103 Introduction Behavioral Re	,
SOCIOL 46A	OR Intro Social Rsch AND	(4)	OR NO COMPARABLE COURSE AND	
SOCIOL 46B	Intro Social Rsch OR	(5)	NO COMPARABLE COURSE OR	
STATIST 10	Statist Thinking OR	(4)	NO COMPARABLE COURSE OR	
		(4)	MATH 140 Introductory Statistics OR	(4)
			MATH 140H Introductory Statistics - 1	
			PSYCH 104 Statistics for Behavioral Sc.	

END OF MAJOR

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

Special Advising Note:

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

<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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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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available	from our TAG website.				
BIOLSCI 2	A Intro Biology:Life on Earth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2	B Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	OR	General Chemistry I	
			CHEM 201H 	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)		General Chemistry I General Chemistry II	(6) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 (General Chemistry II	(5)
PHYSICS 9	A Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Scientists and Engineers: Mechanics of Solids and	(4)
			 PHYSIC 221 <u>&</u> 	Fluids Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	B Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
			 PHYSIC 222 	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	C Classical Physics	(5)	PHYSIC 220 & 	-	(4)

			 	IC 221		of Solids and Fluids Physics for Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
MATH 21A	Calculus	(4)	 MATH	211		alculus I	(5)
MATH 21B	Calculus	(4)	MATH	212	C	alculus II	(5)
MATH 21C	Calculus	(4)	MATH	213	C	alculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH	213	C	alculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH	214	L	inear Algebra	(3)
MATH 22B	Differntl Equations	(3)	MATH	215	D	ifferential Equations	(3)
c) GEOLOGY f)	50 Physical Geology	(3)	 GEOL 	101	P.	nysical Geology	(3)
•	Physical Geol Lab	(2)	GEOL	101L		Physical Geology aboratory	(1)
ENGIN 6	Engr Prob Solving	(4)	NO CO	OMPARA	 BLE	COURSE	

ENGIN 6 Engr Prob Solving END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

INT AG 10	Intro Intl Ag Development	(4) NO COMPARABLE COURSE
PL SCI 2	Bot Physio Cul Plt	(4) NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment	(3) NO COMPARABLE COURSE
ECON 1A	Princ of Microecon AND	(4) ECON 202 Microeconomics (3)

ECON 1B	Princ of Macroecon	(4)	ECON	201	Macroeconomics	(3)
	Elementary Statistics : STATIST 13Y	(4)	į		Introductory Statistics	(4)
				<u>OR</u>		
			MATH	140H	Introductory	(4)
			/	OR	Statistics - Honors	
					Statistics for the	(3)
					Behavioral Sciences	(3)
	OR		İ		OR	
SOCIOL 46B	Intro Social Rsch	(5)	NO CO		ABLE COURSE	
MATH 16A	Short Calculus	(3)	MATH		Calculus I	(5)
CM&RGDE 1	The Community	(4)	NO CO	OMPARA	ABLE COURSE	
	SIX QUARTER	UNITS	FROM	THE E	FOLLOWING:	
	Pop,Envr,World Agri					
	Domestic Ani Prod		!			
AN SCI 41L	Domest An Prod Lab	(2)				
CMC DCDE 00		(4)			course(s) for articulati	
CM&RGDE 20	Food Systems	(4)	•		ARTICULATED: College ha course(s) for articulati	
אייוזויים 10	Discoveries and Concepts	(3)	1			
	Agr Nature & Society		!			(3)
	Intro Sustainable					s not
	Agriculture	• •	•		course(s) for articulat	
PL SCI 49	Org Crop Prod Prac	(3)	NO CO	OURSE	ARTICULATED: College ha	s not
			subm:	itted	course(s) for articulat	ion

FOREIGN LANGUAGE REQUIREMENT:

Students must complete 15-quarter-unit level in one language or pass the foreign language proficiency examination. See $\frac{\text{http://11c.ucdavis.edu/foreign-language-placement-exams}}{\text{exams}}.$

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

AREAS OF SPECIALIZATION:						
	AGRICULTURAL	PROI	DUCTION	OPTION:		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	İ		Molecular and Cellular Biology	(4)
			<u>OI</u> BIOSCI 		Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI		Organismal and Environmental Biology	(4)
CHEM 2A Ge	nl Chemistry	(5)	CHEM 20		General Chemistry I	(6)
CHEM 2B Ge	nl Chemistry	(5)	CHEM 20 CHEM 20 CHEM 20	H 01 <u>&</u> Ge	General Chemistry I - Monors Eneral Chemistry I Eneral Chemistry II	
	TRADE AND ECONOM	IC DI	EVELOPMI	ENT OPTI	ON:	
	hort Calculus ntro Sociology	(3)	MATH 2	12 Ca 01 In	alculus II atroduction to aciology	(5)
	OR				OR	

ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17, AGRESEC 15	units=5 Pop,Envr,World Agri	(4)	NO COMPARABL	E COURSE	
	ENVIRONMEN	TAL	ISSUES OPTION	: :	
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	İ	Molecular and Cellular Biology	(4)
			OR 107		
			BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
ENV S&P 1	Env Analysis	(4)	NO COMPARABL	31	
	RURAL COM	MUNI	TIES OPTION:		
SOCIOL 1	Intro Sociology	(5)	!	Introduction to Sociology	(3)
ANTHRO 2	Cultural Anthropology	(4)	!		(3)
As of W17,	units=5		'		

END OF MAJOR

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

Special Advising Note:

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Education(GE) Note:

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College Foreign Language Requirement Note:

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

0.70110010 11						
	Cultural Anthropology	(4)	 ANTHI 	RO 103	Cultural Anthropology	(3)
As of W17, u	units=5 OR		I		OR	
ECON 1A I	Princ of Microecon	(4)	 ECON	202		(3)
ECON 1B	Princ of Macroecon	(4)	ECON	201	Macroeconomics	(3)
HISTORY 4C	Western Civ	(4)	HIST 	102	History of Western Civilization: The Modern Era OR	(3)
HISTORY 10C	World History III	(4)	NO C	OMPARA	~	
POL SCI 2	Intro Comp Politics	(4)	POLI; 		Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLI:		International Relations	(3)
Same as:	Data Visualization COMUNCN 12Y, PSYCH 12Y su CIOL 12Y				ARTICULATED: College has a s) for articulation	not
	OR		ļ		OR	
	Elementary Statistics STATIST 13Y	(4)	į	140 OR	Introductory Statistics	(4)
			MATH		Introductory Statistics - Honors	(4)
	OR			_	Statistics for the Behavioral Sciences OR	(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO C	OMPARA		
POL SCI 51	Scientific Study of Politics	(4)			ARTICULATED: College has a course(s) for articulation	

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

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

ARABIC 2 Elem Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
ARABIC 3 Elem Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not
ARABIC 21 Intermed Arabic	(5)	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of S17 units = 4 ARABIC 22 Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not
As of S17, units =4		submitted course(s) for articulation
ARABIC 23 Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of F17, units = 4 OR		OR
x) CHINESE 1 Elem Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 2 Elem Chinese	. ,	NO COMPARABLE COURSE
,		!
x) CHINESE 3 Elem Chinese		NO COMPARABLE COURSE
x) CHINESE 4 Inter Chinese	. ,	NO COMPARABLE COURSE
x) CHINESE 5 Inter Chinese	(5)	NO COMPARABLE COURSE
x) CHINESE 6 Inter Chinese	(5)	NO COMPARABLE COURSE
OR		OR
x) CHINESE 1CN Mand/Cant Spkrs I	(5)	NO COMPARABLE COURSE
_		NO COMPARABLE COURSE
		NO COMPARABLE COURSE
OR	(3)	OR
-	/ E \	NO COMPARABLE COURSE
x) CHINESE 1BL Accl Wrth Chinese 1 x) CHINESE 2BL Accl Wrth Chinese 11		NO COMPARABLE COURSE
x) CHINESE 3BL Accl Wrtn Chinese	(5)	NO COMPARABLE COURSE
OR		OR
FRENCH 1 Elementary French	(5)	FRNCH 101 Elementary French I (4)
FRENCH 2 Elementary French	(5)	FRNCH 101 & Elementary French I (4)
		FRNCH 102 Elementary French II (4)
FRENCH 3 Elementary French	(5)	FRNCH 102 Elementary French II (4)
FRENCH 21 Intermed French		FRNCH 201 Intermediate French I (4)
FRENCH 22 Intermed French		FRNCH 202 Intermediate French (4)
	(-)	II
OR	/ F \	OR
GERMAN 1 Elementary German		GERMAN 101 Elementary German I (4)
GERMAN 2 Elementary German	(5)	GERMAN 101 & Elementary German I (4) GERMAN 102
GERMAN 3 Elementary German	(5)	GERMAN 102 Elementary German II (4)
GERMAN 20 Intermediate German	(4)	NO COURSE ARTICULATED: College has not
		submitted course(s)for articulation
GERMAN 21 Intermediate German	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
OR		OR
HEBREW 1 Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 2 Elem Hebrew	(5)	NO COMPARABLE COURSE
HEBREW 3 Elem Hebrew		NO COMPARABLE COURSE
_		!
HEBREW 21 Intermediate Modern Hebrew I	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
As of $F17$, units = 4		
HEBREW 22 Intermediate Modern	(5)	NO COURSE ARTICULATED: College has not
Hebrew II	•	submitted course(s) for articulation
As of F17, units = 4		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
HEBREW 23 Intermediate Modern	(5)	NO COURSE ARTICULATED: College has not
Hebrew III	())	submitted course(s) for articulation
OR		OR
HIN-URD 1 Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not
HIN ORD I EIGH HINGI/OLGU I	(3)	submitted course(s) for articulation

HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not
IIIN IIDD 2	11 am 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11 and 11	(C)	submitted course(s) for articulation
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not
01		<i>(</i> - <i>)</i>	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,			l
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	Intermed Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
As of F17,			
	OR		OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 4	Interm Italian	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 5	Interm Italian	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
ITALIAN 1	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 8A	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
ITALIAN 8B	Italian Convers	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	0.00		
	OR		OR
y) JPNESE 1		(5)	:
y) JPNESE 1 y) JPNESE 2	_	. ,	OR
• .	Elem Japanese	(5)	OR NO COMPARABLE COURSE
y) JPNESE 2	Elem Japanese Elem Japanese Elem Japanese	(5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese	(5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese	(5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR	(5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR	(5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese	(5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese	(5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese	(5) (5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR NO COMPARABLE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1	Elem Japanese Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE COURSE NO COMPARABLE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE COURSE
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2 RUSSIAN 3	Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese Intermediate Portuguese Elementary Russian Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE N
y) JPNESE 2 y) JPNESE 3 y) JPNESE 4 y) JPNESE 5 y) JPNESE 6 PORTUG 1 PORTUG 2 PORTUG 3 PORTUG 21 PORTUG 22 RUSSIAN 1 RUSSIAN 2	Elem Japanese Elem Japanese Elem Japanese Elem Japanese Inter Japanese Inter Japanese Inter Japanese OR Elementary Portuguese Elementary Portuguese Intermediate Portuguese Intermediate Portuguese OR Elementary Russian Elementary Russian	(5) (5) (5) (5) (5) (5) (5) (5) (5) (5)	OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation OR NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE COURSE NO COMPARABLE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE COURSE NO COURSE 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
Elementary Spanish	(5)	SPAN 101
Elementary Spanish	(5)	SPAN 101 & Elementary Spanish I (4)
		SPAN 102 Elementary Spanish II (4)
Elementary Spanish	(5)	SPAN 102 Elementary Spanish II (4)
Intm Spanish	(5)	SPAN 201 & Intermediate Spanish I (4)
		SPAN 202 Intermediate Spanish (4)
		II
Intm Spanish	(5)	SPAN 201 & Intermediate Spanish I (4)
		SPAN 202 Intermediate Spanish (4)
		II
OR		OR
Int Span Nat Spk I	(5)	NO COMPARABLE COURSE
Int Span Nat Spk II	(5)	NO COMPARABLE COURSE
Int Span Nat Spk III	(5)	NO COMPARABLE COURSE
	Elementary Spanish Elementary Spanish Elementary Spanish Intm Spanish Intm Spanish OR Int Span Nat Spk I Int Span Nat Spk II	Elementary Spanish (5) Elementary Spanish (5) Elementary Spanish (5) Intm Spanish (5) Intm Spanish (5) OR Int Span Nat Spk I (5) Int Span Nat Spk II (5)

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

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

Education(GE) Note:

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

ITALIAN 1	Elementary Italian	(5)		ARTICULATED: College has not
			submitted	course(s) for articulation
ITALIAN 2	Elementary Italian	(5)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation
ITALIAN 3	Elementary Italian	(5)	!	ARTICULATED: College has not
			submitted	course(s) for articulation
ITALIAN 4	Interm Italian	(4)	I	ARTICULATED: College has not
			submitted	course(s) for articulation
ITALIAN 5	Interm Italian	(4)		ARTICULATED: College has not
			submitted	course(s) for articulation
ITALIAN 9	Reading Italian	(4)	NO COURSE	ARTICULATED: College has not
			submitted	course(s) for articulation

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

END OF MAJOR

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

Special Advising Note:

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

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

Japanese Placement Examination Note:

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

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

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

Special Advising Note:

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

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

PRE-MAJOR REQUIREMENT:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

Planta Planta (2D) and Tatamata and Danta law (TD) Provided to Webs.

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.

			:				
COMUNCN 1	Intr	o Public Spkg	(4)	COMS	105 OR	Fundamentals of Public Speaking	(3)
				! -	105H	Fundamentals in Public Speaking- Honors	(3)
ENGLISH 3	Intr	o to Lit	(4)	!		ARTICULATED: College has course(s)for articulation	
		OR				OR	
UWRITING 1	Exp	ository Writing	(4)	!	101 OR	English Composition	(3)
				ENGL	101H	Honors - English Composition	(4)
		OR		İ		OR	
e) UWRITING	18	Style in the Essay	(4)	 ENGL 	103	Critical Reading, Writing and Thinking	(3)
As of F1	7, Cou:	rse Number = UWRITING	G 48				
		OR				OR	
e) UWRITING	19	Wrtg Research Papers	(4)	ENGL	103	Critical Reading, Writing and Thinking	(3)

110 01 11.	, Course Number = UWRITIN	3 4 2						
BIOLSCI 2A	Intro Biology:Life on Earth	(5) BIOSCI OR	Cellular Biology	(4)				
		BIOSCI		(4)				
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5) BIOSCI	106 Organismal and Environmental Biology	(4)				
ENVHORT 6	Intro Environ Plants	(4) NO COMP	ARABLE COURSE					
ONE COURSE FROM THE FOLLOWING:								
	ONE COURSE FR	M THE FOLLO	WING:					
MATH 16A			wing: 1 Calculus I	(5)				
STATIST 13		(3) MATH 21	1 Calculus I	(5) (4)				
STATIST 13	Short Calculus Elementary Statistics	(3) MATH 21 (4) MATH 14 OR	1 Calculus I 0 Introductory Statistics	(4)				
STATIST 13	Short Calculus Elementary Statistics	(3) MATH 21 (4) MATH 14 OR MATH 14	1 Calculus I 0 Introductory Statistics					
STATIST 13	Short Calculus Elementary Statistics	(3) MATH 21 (4) MATH 14 OR MATH 14	1 Calculus I 0 Introductory Statistics OH Introductory Statistics - Honors	(4)				
STATIST 13	Short Calculus Elementary Statistics	(3) MATH 21 (4) MATH 14 OR MATH 14	1 Calculus I 0 Introductory Statistics 0H Introductory	(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.

ONE COURSE FROM THE FOLLOWING:

CHEM 2A G	Genl Chemistry	(5)	CHEM	201 OR	General	Chemistry	I (6)
			!	201H	General Honors	Chemistry	I - (6)
CHEM 10 C PHYSICS 1A	Concept of Chem Principles Physics		!		BLE COURSE BLE COURSE		
PHYSICS 10 f) GEOLOGY 1		(4)	GEOL	101	BLE COURSE Physical	Geology	(3)
SOILSCI 10	Soils in Our Environment	(3)	NO C	OMPARA:	BLE COURSE		
LND ARC 1	Intro Environ Design	(4)			ARTICULATE course(s)	_	
LND ARC 2	Place, Culture, Community	(4)	NO CO	OMPARA:	BLE COURSE		
LND ARC 3	Sustainable Development	(4)	!		ARTICULATEI	_	
LND ARC 21	Design Visualization	(5)	NO C	OMPARA:	BLE 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.

LND ARC 30 History Environ Design (4) NO COMPARABLE COURSE

As of F17, units = 4

As of F17, title = Land Rep I

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

FOREIGN LANGUAGE: One course beyond the 15 quarter unit requirement of the College of Letters and Science, in the same language used

to fulfill the college requirement

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

articulation for appropriate courses available at your California Community College (CCC).

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

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

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

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

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

				- 1	
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR	Public Speaking	
			COMS 105H	Fundamentals in	(3)
			į	Public Speaking-	
				Honors	
	OR			OR	(0)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal Communication	(3)
AGRESEC 18	Business Law	(4)	NO COMPARA	BLE COURSE	
	rinc of Microecon				(3)
ECON 1B P	rinc of Macroecon	(4)	ECON 201	Macroeconomics	(3)
PL SCT 21	Computers in Technology	(3)	NO COMPARA	 Ble Course	
12 001 21	OR	(5)		OR	
ENG CS 10	Intro to Programming	(4)	NO COMPARA	BLE COURSE	
	OR		[OR	
B) ENG CS 15	Intro to Computers	(4)	NO COMPARA		
ENG GG 20	OR Programming&Prob Solving	(1)	 ambggt 111	OR	(2)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI III	Computer Algorithms	(3)
				and Programming/JAVA	
			OR	3 3, 4 4	
			CMPSCI 235	C Programming	(3)

As of F18, Course Number = ENG CS 36A

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

			BUS 202 	Principles of Accounting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARA	ABLE COURSE	
MATH 16A	Short Calculus	, ,	!	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus OR	(3)	MATH 212 	Calculus II OR	(5)
MATH 17A	Calculus for BioSci	(4)	!	ARTICULATED: College ha course(s) for articulat	
MATH 17B	Calculus for Biosci	(4)	NO COURSE	ARTICULATED: College ha course(s) for articulat	s not
	OR			OR	
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
STATIST 13	Elementary Statistics	(4)	MATH 140	-	(4)
Same as:	STATIST 13Y		 OR	Statistics	
			<u>ОК</u> МАТН 140Н	Introductory	(4)
			OR	Statistics - Honors	, ,
			OK PSYCH 104 	Statistics for the Behavioral Sciences	(3)

END OF MAJOR

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

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

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

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

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

- -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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.

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (Cellular Biology	(4)
			OR	
			BIOSCI 107H Molecular and (Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I ((6)
			CHEM 201H General Chemistry I - (Honors	(6)
CHEM 2B	Genl Chemistry	(5)	<u> </u>	(6)
CHEM 2C	Genl Chemistry	(5)	:	(5) (5)
			·	
MATH 16A	Short Calculus		1	(5)
MATH 16B	Short Calculus			(5)
MATH 16C	Short Calculus OR	(3)	MATH 212 Calculus II ((5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has resubmitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has r submitted course(s) for articulation	not
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has r	
		, ,	submitted course(s) for articulation	
MA TITE 01 A	OR	(1)	OR	<i>,</i> - \
MATH 21A	Calculus		•	(5)
MATH 21B			•	(5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III ((5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I ((4)
			<u>-</u>	(4)
PHYSICS 7B	General Physics	(4)	·	(4)
			1	(4)
PHYSICS 7C	General Physics			(4)
Tt is bigh!	ly recommended that students		PHYSIC 111 General Physics II ((4)

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

1 2	OR					OR	
PHYSICS 9A	Classical Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
GEOLOGY 16	The Oceans	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Marine and Coastal Science B.S. (Marine 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.

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 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.

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 $\underline{\text{General Catalog}}$. 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) BIOSCI 107 Molecular and (4) Cellular Biology
	<u>OR</u>
	BIOSCI 107H Molecular and (4)
	Cellular Biology -
	Honors
BIOLSCI 2B Intro Biology: Ecology	(5) BIOSCI 106 Organismal and (4)
& Evolution	Environmental
	Biology
BIOLSCI 2C Intro Biology:	(5) BIOSCI 106 Organismal and (4)
Biodiversity & the Tree	Environmental
of Life	Biology
CHEM 2A Genl Chemistry	(5) CHEM 201 General Chemistry I (6)
	OR (6)
	CHEM 201H General Chemistry I - (6)
CHEW OR G. J. Ch	Honors
CHEM 2B Genl Chemistry	(5) CHEM 201 & General Chemistry I (6)
CTTPM OG G I GI	CHEM 202 General Chemistry II (5)
CHEM 2C Genl Chemistry	(5) CHEM 202 General Chemistry II (5)
AND	AND
CHEM 8A Organic Chem-Brief	(2) NO COMPARABLE COURSE
CHEM 8B Organic Chem-Brief	(4) NO COMPARABLE COURSE
MATH 17A Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
MAIN 17A CAICAIAS IOI BIOSCI	submitted course(s) for articulation
MATH 17B Calculus for Biosci	(4) NO COURSE ARTICULATED: College has not
Initia 17B caroaras for Broser	submitted course(s) for articulation
MATH 17C Calculus for BioSci	(4) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation
OR	OR
MATH 21A Calculus	(4) MATH 211 Calculus I (5)
MATH 21B Calculus	(4) MATH 212 Calculus II (5)
	'
PHYSICS 7A General Physics	(4) PHYSIC 110 $\underline{\&}$ General Physics I (4)
	PHYSIC 111 General Physics II (4)
PHYSICS 7B General Physics	(4) PHYSIC 110 & General Physics I (4)
THIBTED /B GEHELAT THYBIED	
-	PHYSIC 111 General Physics II (4)
PHYSICS 7C General Physics	

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

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3)	NO COURSE	ARTICULATED: course(s)for	College has not articulation
GEOLOGY 16	The Oceans	(3)	NO COURSE submitted	ARTICULATED: course(s) for	College has not rarticulation

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is https://doi.org/10.1001/journal.com/ that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation

and significantly reduces time to degree.

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

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

- -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

BIOLSCI	2A	Intro Bio Earth	ology:Life on	(5)	BIOS	CI 10		ular and lar Biology	(4)
					İ	OR			
					BIOS	CI 10	Cellu	ular and lar Biology	(4)
	_						Honor		
BIOLSCI	2B	Intro Bio & Evolut	ology: Ecology ion	(5)	BIOS0 	CI 10		smal and nmental	(4)
RTOLSCT	20	Intro Bi	ology:	(5)	I BTOS	T 10		smal and	(4)
ВТОПВСТ	20		sity & the Tre		l LDTOD(CI IO		nmental	(1)
		of Life	sicy & che fie	=			Biolog		
CHEM 2A	. (Genl Chemis	try	(5)	:		General	Chemistry 1	I (6)
						<u>OR</u>	a 1	a 1. ' .	T (C)
					CHEM	201H		Chemistry 1	L - (6)
CITEM OF		a 1	.	(-)		201	Honors	Ol	(()
CHEM 2B		Genl Chemis	try	(5)				Chemistry I	
CITEM OC		a 1	.	(-)	CHEM	202	General	Chemistry II Chemistry II	T (5)
CHEM 2C		Genl Chemis	try 	(5)	CHEM	202	General	cnemistry 1.	I (5)
MATH 16	A	Short Calc	ulus	(3)	MATH	211	Calculus	I	(5)
MATH 16	В	Short Calc	ulus	(3)	MATH	212	Calculus	II	(5)
MATH 16	С	Short Calc	ulus	(3)	MATH	212	Calculus	II	(5)
		OR			j		OR		
MATH 17	A	Calculus f	or BioSci	(4)				D: College h	
								for articula	
MATH 17	В	Calculus for	or Biosci	(4)				D: College h	
					1			for articula	
MATH 17	C	Calculus f	or BioSci	(4)	1			D: College l	
					subm	itted		for articula	ation
	_	OR				0.1.1	OR		
MATH 21		Calculus					Calculus		(5)
MATH 21		Calculus		(4)	MATH	212	Calculus	II	(5)
MATH 21	C	Calculus		(4)	MATH	213	Calculus	TII	(5)

PHYSICS	7A	General	Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
					PHYSIC	111	_	General	Physics	II	(4)
PHYSICS	7B	General	Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
					PHYSIC	111		General	Physics	II	(4)
PHYSICS	7C	General	Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
					PHYSIC	111		General	Physics	ΙΙ	(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 9	θA	Classical	Physics	(5)			_	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC			Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9)B	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC 	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	9C	Classical	Physics	(5)	PHYSIC 	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC 	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea	(3) NO COURSE AR	RTICULATED:	College has not
		submitted co	ourse(s)for	articulation
GEOLOGY 16	The Oceans	(3) NO COURSE AR	RTICULATED:	College has not

END OF MAJOR

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001/journal-no.1001

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

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

- -Coastal Environmental Processes (College of Agricultural and Environmental Sciences; Environmental Science and Policy)
- -Marine Ecology and Organismal Biology (College of Biological Sciences; Evolution and Ecology)
- -Marine Environmental Chemistry (College of Agricultural and Environmental Sciences; Environmental Toxicology)
- -Oceans and the Earth System (College of Letters and Science; Earth and Planetary Sciences)

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

Advanced Flacement (AF) and International Baccalaureace (IB) Examination Note:

BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			OR CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
MATH 16B	Short Calculus	٠,	MATH 212 Calculus II (5)
MATH 16C	Short Calculus		MATH 212 Calculus II (5)
	OR	` '	OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B	Calculus		MATH 212 Calculus II (5)
MATH 21C	Calculus	(4)	MATH 213 Calculus III (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
PHYSICS 7C	General Physics	(4)	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Tt in binbl	wasammandad that gt		PHYSIC 111 General Physics II (4)

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

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

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

STRONGLY RECOMMENDED:

EVOL&EC 12	Life in the Sea		College has not articulation
GEOLOGY 16	The Oceans		College has not rarticulation

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

REQUIRED FOR ADMISSION:

a)	MATH	21A	Calculus	(4) MATH	211	Calculus I	<u>.</u>	(5)
a)	MATH	21B	Calculus	(4) MATH	212	Calculus I	I	(5)
a)	MATH	21C	Calculus	(4) MATH	213	Calculus I	III	(5)
a)	MATH	21D	Vector Analysis	(4) MATH	213	Calculus I	III	(5)
a)	MATH	22A	Linear Algebra	(3) MATH	214	Linear Alg	gebra	(3)
a)	MATH	22B	Differntl Equations	(3) MATH	215	Differenti	al Equations	(3)
a)	PHYSI	CS 9A	Classical Physics	(5) PHYS	IC 220 <u>i</u>	Scientis		(4)

of Solids and

Fluids

		PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9B Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		 PHYSIC 221 <u>&</u> 		(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 <u>&</u> 		(4)
		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9D Modern Physics	(4)	NO COMPARABL	E COURSE	
a) CHEM 2A Genl Chemistry	(5)	;	General Chemistry I	(6)
		<u>OR</u> CHEM 201H 	General Chemistry I - Honors	(6)
a) CHEM 2B Genl Chemistry	(5)	· —	-	(6)
			General Chemistry II	(5)
a) CHEM 2C Genl Chemistry	(5)	CHEM 202 	General Chemistry II	(5)
		!	Electrical Circuits Materials of Engineering	(4)
		ENGR 151L	Materials of Engineering Lab	(1)
ENG CHM 60 Engineering Problem Solv OR	(4)	 I	OR	
a) ENG CS 30 Programming&Prob Solving	(4)	 CMPSCI 111 		(3)

Required for a course in a hi	OR r Prob Solving dmission. Students mus gher level language in , physical sciences, o	st complete on tended for s	OR RABLE COURSE one programming students majoring	(3)								
a) UWRITING 1	Expository Writing	(4) ENGL 101 <u>OR</u> ENGL 101F	English Composition	(3)								
	OR	 ENGL 101F	H Honors - English Composition OR	(4)								
a) ENGLISH 3	ntro to Lit		E ARTICULATED: College had course(s)for articulati									
part of its lower courses in English carefully, this s Please contact yo	-division preparation h <u>composition</u> for tran econd course could he	However, the start of the However, the satisfy go not the UC Davids	nires one English course ne University requires two lon eligibility. When che eneral education requirements College of Engineering questions.	osen nents.								
a) COMUNCN 1 I	ntro Public Spkg	į	Fundamentals of Public Speaking	(3)								
	OR	<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors OR	(3)								
a) COMUNCN 3 I	ntprsnl Com Cmpetnce	(4) COMS 246	Interpersonal Communication	(3)								
	RECOMMENDI	ED COURSES:		RECOMMENDED COURSES:								
a) ENGIN 35 St		(4) ENGR 152										

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

END OF MAJOR

a) This articulation is approved for engineering majors.

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

Transfer students are strongly advised to complete as many preparatory courses

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

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

MATH 2	21A	Calculus	(4)	MATH	211	Calculus	I	(5)
MATH 2	21B	Calculus	(4)	MATH	212	Calculus	II	(5)
MATH 2	21C	Calculus	(4)	MATH	213	Calculus	III	(5)
		OR				OR		
Or high school equivalent								

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

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

______ MATH 21D Vector Analysis (4) MATH 213 Calculus III (5) MATH 22B Differentl Equations (3) MATH 25 Advanced Calculus (4) NO COURSE ARTICULATED: College has not

MATH 22AL Lin Alg Comp Lab

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

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
	AND			AND	
MATH 108	Intro Abstract Math	(4)	This course	must be taken a	at UC Davis

OR SELECT THE FOLLOWING COURSE:

	OK DELECT	11111	CHHOMIN	3 CO	OKDE.	
MATH 67	Modern Linear Algebra	(4)			ARTICULATED: College has course(s) for articulation	
			<u>.</u>			
ENG CS 30	Programming&Prob Solvin	g (4)	 CMPSCI 	111	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR			
			CMPSCI	235	C Programming	(3)
As of Fi	18, Course Number = ENG CS	36A				
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI	236	C++ Object Oriented Programming	(3)
Ac of F	18 Course Number = ENG CS	36B				

As of F18, Course Number = ENG CS 36F

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.

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

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

Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components. ______ Or high school equivalent Recommended Language Preparation Note: Bachelor of Science degree candidates are advised, but not required, to satisfy the same language requirement as that for a Bachelor of Arts degree candidate, and to fulfill it in French, German or Russian. View the UC Davis General Catalog for additional information about the Foreign Language and Area Requirements, College of Letters and Science. ______ Advanced Placement (AP) and International Baccalaureate (IB) Examination Note: AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website. MATH 21A Calculus (4) MATH 211 Calculus I (5)
MATH 21B Calculus (4) MATH 212 Calculus II (5)
MATH 21C Calculus (4) MATH 213 Calculus III (5)
MATH 21D Vector Analysis (4) MATH 213 Calculus III (5)
MATH 22B Differentle Equations (3) MATH 215 Differential Equations (3)
MATH 25 Advanced Calculus (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation ______ MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not | submitted course(s)for articulation or equivalent basic knowledge of MATLAB. NOTE: Basic knowledge of MATLAB is required for both MATH 67 and 22A. Students can learn it on their own, enroll in Engineering 6, Mechanical Engineering 5 or in the one unit course Mathematics 22AL (may be taken concurrently). ______ BOTH OF THE FOLLOWING COURSES: MATH 22A Linear Algebra (3) | MATH 214 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) This course must be taken at UC Davis OR SELECT THE FOLLOWING COURSE: MATH 67 Modern Linear Algebra (4) NO COURSE ARTICULATED: College has not |submitted course(s) for articulation ENG CS 30 Programming&Prob Solving (4) CMPSCI 111 Introduction to (3) Computer Algorithms and Programming/JAVA OR CMPSCI 235 C Programming As of F18, Course Number = ENG CS 36A ______ (4) | ECON 202 Microeconomics ECON 1A Princ of Microecon (4) ECON 202 Microeconomics ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE

As of F18, title = Gateway to Data Science

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

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

Special Advising Note for future applicants:*

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

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

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

- -Mathematics 21A/B/C/D
- -Mathematics 22A or Mathematics 67
- -Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

Or high school equivalent

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

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

MATH 21A Calculus (4) MATH 211 Calculus I (5)
MATH 21B Calculus (4) MATH 212 Calculus II (5)
MATH 21C Calculus (4) MATH 213 Calculus III (5)
MATH 21D Vector Analysis (4) MATH 213 Calculus III (5)
MATH 22B Differentle Equations (3) MATH 215 Differential Equations (3)
MATH 25 Advanced Calculus (4) NO COURSE ARTICULATED: College has not

|submitted course(s) for articulation ______

MATH 22AL Lin Alg Comp Lab (1) NO COURSE ARTICULATED: College has not |submitted course(s)for articulation

or equivalent basic knowledge of MATLAB.

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

BOTH OF THE FOLLOWING COURSES:

MATH 22A Linear Algebra (3) MATH 214 Linear Algebra (3) AND AND MATH 108 Intro Abstract Math (4) | This course must be taken at UC Davis

OR SELECT THE FOLLOWING COURSE:

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

._____

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

As of F18, Course Number = ENG CS 36A

OR

ENGIN 6 Engr Prob Solving (4) NO COMPARABLE COURSE

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

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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

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

Special Advising Note for future applicants:*

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

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

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

- -Mathematics 21A/B/C/D
- -Mathematics 22A or Mathematics 67
- -Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

Recommended Language Preparation Note:

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

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

Advanced Dlacement	(AD)and	International	Raccalaureate	(TR)	Evamination Note:

AP and II	B examinat	ion credit	policie	s are d	letail	ed in	the T	JC Davis	2016-18
General (Catalog .	Quick refe	erence ch	arts fo	or AP	and I	B are	also	
available	from our	TAG webs	ite.						

General Ca	examination credit policies talog . Quick reference char from our TAG website.		detailed in the UC Davis 2016-18 for \overline{AP} and \overline{IB} are also
MATH 21A MATH 21B MATH 21C	Calculus Calculus	(4) (4)	MATH 211 Calculus I (5 MATH 212 Calculus II (5 MATH 213 Calculus III (5 MATH 213 Calculus III (5 MATH 214 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III (5 MATH 215 Calculus III
MATH 21D MATH 22B MATH 25	Differntl Equations	(3)	MATH 213
MATH 22AL	Lin Alg Comp Lab	(1)	NO COURSE ARTICULATED: College has no submitted course(s)for articulation
can learn	it on their own, enroll in E unit course Mathematics 22F	Engi: AL (1	
MATH 22A	Linear Algebra		OWING COURSES: MATH 214 Linear Algebra (3
MATH 108	AND Intro Abstract Math	(4)	AND This course must be taken at UC Davis
	OR SELECT TH	IE F	FOLLOWING COURSE:
MATH 67	Modern Linear Algebra	(4)	NO COURSE ARTICULATED: College has no submitted course(s) for articulation
ENG CS 30	Programming&Prob Solving	(4)	Computer Algorithms and Programming/JAVA
As of F	18, Course Number = ENG CS 3	86A	OR CMPSCI 235 C Programming (3
ENGIN 6	OR Engr Prob Solving	(4)	OR NO COMPARABLE COURSE
may no upon t	ot be identical to UC Davis o	our	ge's computer science courses ses. Community college students, so make up any topic or language
DUVCTOC 07	PLAN 1: GENERAL MA		EMATICS PHYSIC 220 & Physics for (4

PLAN 1: GENERAL MATHEMATICS										
PHYSICS 9A	Classical Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)			
			PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)			

PHYSIC 222	Physics for Sci and	(4)
	Engrs: Waves, Heat,	
	Optics and Modern	
j	Dhygiga	

PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 9A Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
		PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
OR		PHYSIC 222	Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics OR	(4)
PHYSICS 7A General Physics	(4)	PHYSIC 110 &	General Physics I	(4)
OR	, ,	PHYSIC 111		(4)
STATIST 13 Elementary Statistics Same as: STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
		<u>OR</u> MATH 140H OR	Introductory Statistics - Honors	(4)
		PSYCH 104	Statistics for the Behavioral Sciences	(3)
OR			OR	
STATIST 32 Stat Anlys Thru Comp	(4)	NO COMPARABL	E COURSE	
As of F18, title = Gateway to Data S	cience	9		

END OF MAJOR

====Mechanical Engineering B.S.====

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit our website for details regarding UC Davis TAG.

General Education (GE) Note:

For information concerning satisfaction of UC Davis GE requirements, please go to the For General Education/Breadth section of ASSIST and select any GE area from the pull-down menu or view the "General Education" section of the 2016-18 UC Davis General Catalog online.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-2018 General Catalog. Quick reference charts for AP and IB are also available from our TAG website.

REQUIRED FOR ADMISSION:

a)	MATH	21A	Calculus	(4)	MATH	211	Calculus I	(5)
a)	MATH	21B	Calculus	(4)	MATH	212	Calculus II	(5)
a)	MATH	21C	Calculus	(4)	MATH	213	Calculus III	(5)
a)	MATH	21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
a)	MATH	22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
a)	MATH	22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
a)	CHEM	2A (Genl Chemistry	(5)	CHEM	201)R	General Chemistry I	(6)
					_	201H	General Chemistry I - Honors	(6)
a)	CHEM	2B (Genl Chemistry	(5)	!	201 & 202	General Chemistry I General Chemistry II	(6) (5)

			 PHYSIC 221 & PHYSIC 222	Scientists and Engineers: Electricity and Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern	(4)
a) PHYSICS 9B	Classical Physics	(5)	 PHYSIC 220 <u>&</u> 	Physics Physics for Scientists and Engineers: Mechanics of Solids and	(4)
			 PHYSIC 221 <u>&</u> 	Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 <u>&</u> 	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
			PHYSIC 221 & 	Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
a) ENGIN 4 a) ENGIN 17 a) ENGIN 35		(4)	!	lectrical Circuits Statics	(4)
a) ENGIN 6	Engr Prob Solving	(4)	 NO COMPARABLE		
a) ENG CS 30	OR Programming&Prob Solving	(4)	CMPSCI 111	OR Introduction to Computer Algorithms and Programming/JAVA	(3)
			<u>OR</u> CMPSCI 235	C Programming	(3)

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	101	English Co	ompositic	n (3)
						OR			
					ENGL	101H	Honors - 1	English	(4)
					İ		Composition	on	
		OR			j		OR		
a)	ENGLISH 3	Intro to Lit	-	(4)	NO C	OURSE	ARTICULATED:	College	has not
					subm	itted	course(s)for	articula	ıtion

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) C(OMUNCN 1	Intro Public	Spkg	(4)	į	105 OR		Fundamentals of Public Speaking	(3)
		OR			! -	<u>5к</u> 105н		Fundamentals in Public Speaking- Honors OR	(3)
a) C(OMUNCN 3	Intprsnl Com	Cmpetnce	(4)	COMS	246		Interpersonal Communication	(3)
a) El	NGIN 45	Prop of Mats		(4)	į	151 151L	<u>&</u>	Materials of Engineering Materials of Engineering Lab	(3)
a) El	 NG MEC 50	Mfg Processe	es	(4)	NO CO	OMPAR	ABL	E COURSE	

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the College of Engineering website if you have any questions.

END OF MAJOR

a) This articulation is approved for engineering majors.

====Medieval and Early Modern Studies A.B.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog. Quick reference charts for AP and IB are also available from our TAG website.

MEDV-ST 20A Medieval Culture (5) NO COMPARABLE COURSE MEDV-ST 20B Medieval Culture (5) NO COMPARABLE COURSE THREE COURSES FROM THE FOLLOWING:

ARTHI 1B	Mediev&Renaiss Art	(4)	ART 110	<u>&</u>	Art History	: Ancient	to	(3)
					Medieval			
			ART 111	-	Art History:	:		(3)
					Renaissance	to Moder	n	
ARTHI 1C	Baroque to Modern Art	(4)	ART 111		Art History:	:		(3)
			İ		Renaissance	to Moder	n	
ARTHI 1E	Islamic Art &	(4)	NO COUR	SE A	ARTICULATED:	College	has	not
	Architecture		submitt	ed c	course(s) for	r articul	Latio	n
COMPLIT 2	Major Books-Middle Ages	(4)	NO COMP.	ARAE	BLE COURSE			
	to Enlightenment		İ					
COMPLIT 1	OA Master Authors	(2)	NO COUR	SE A	ARTICULATED:	College	has	not
			submitt	ed c	course(s)for	articula	ation	
COMPLIT 1	OB Master Authors	(2)	NO COUR	SE A	ARTICULATED:	College	has	not
			submitt	ed c	course(s)for	articula	ation	
COMPLIT 1	OC Master Authors	(2)	NO COUR	SE A	ARTICULATED:	College	has	not
			submitt	ed c	course(s)for	articula	ation	
COMPLIT 1	DD Master Authors	(2)	NO COUR	SE A	ARTICULATED:	College	has	not
			submitt	ed c	course(s)for	articula	ation	
COMPLIT 1	DE Master Authors	(2)	NO COUR	SE A	ARTICULATED:	College	has	not

			submitted course(s)for articulation
ENGLISH 10A	Literatures in English I: To 1700	(4)	ENGL 250 British Literature I (3)
GERMAN 48	Myth & Saga	(4)	NO COMPARABLE COURSE
HISTORY 4A	Western Civ		HIST 101 History of Western (3)
IIISIOKI 4A	Western CIV	(1)	Civilization: The
			Pre-Industrial West
HISTORY 4B	Western Civ	(4)	HIST 101 & History of Western (3)
			Civilization: The
			Pre-Industrial West
			HIST 102 History of Western (3)
			Civilization: The
			Modern Era
HUMAN 1 I	Humanities Forum	(2)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HUMAN 9 I	Don Quixote	(2)	NO COURSE ARTICULATED: College has not
	-		submitted course(s) for articulation
PHILOS 21	Phil: Ancient	(4)	PHILOS 110 History of Ancient (3)
		` '	Philosophy
As of F17, t	title = Phil Classics: Anc.	ient	1
	Hist Phil: Early Modern		
	1 10 110 110	. ,	Philosophy
As of F17, t	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.

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:

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a

college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	1
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life		
CHEM 2A Ge	enl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B Ge	enl Chemistry	(5)	CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
	rganic Chem-Brief rganic Chem-Brief OR	, ,	NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CITEM 1107	_	(1)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	org chem, Hith & Sci		CHEM 255 & Organic Chemistry I (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A ((4)	MATH 211 Calculus I (5)
MATH 21B			MATH 212 Calculus II (5)
DHYSICS 1A	Principles Physics	(3)	INO COMPARABLE COURSE
PHYSICS 1B	Principles Physics	(3)	NO COMPARABLE COURSE
			OR
PHYSICS 7A	General Physics		PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4)
			PHYSIC 111 General Physics II (4)
It is highly	recommended that students	S CO	mplete an entire physics series at

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

====Microbiology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

> Organic Chemistry series cited on ASSIST for your major Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 $\underline{\text{General Catalog}}$. 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)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
			BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
			CHEM 201H General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus	(4)	MATH 211 Calculus I (5)
MATH 21B		(4)	MATH 212 Calculus II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4)

			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7B	General Physics	(4)	PHYSIC	110	&	General	Physics	I	(4)
			PHYSIC	111		General	Physics	II	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC	110	<u>&</u>	General	Physics	I	(4)
			PHYSIC	111		General	Physics	TT	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED:

MATH 21C Calculus (4) | MATH 213 Calculus III (5)

END OF MAJOR

====Middle East/South Asia Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

HISTORY 6 Intro to Middle East (4) NO COURSE ARTICULATED: College has not

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 8	Indian Civilization	(4)	submitted course(s) for articulation		
TWO	YEARS (OR THE EQUIVALENT)	OF A	RABIC, HEBREW, OR HINDI/URDU:		
ARABIC 1	Elementary Arabic		NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 2	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 3	Elem Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
ARABIC 21	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of S17 u	ınits = 4				
ARABIC 22	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of S17,	units =4				
ARABIC 23	Intermed Arabic	(5)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation		
As of F17,					
HEDDEM 1	OR	(-)	OR		
HEBREW 1	Elem Hebrew		NO COMPARABLE COURSE		
HEBREW 2	Elem Hebrew		NO COMPARABLE COURSE		
HEBREW 3	Elem Hebrew		NO COMPARABLE COURSE		
HEBREW 21	Intermediate Modern	(5)	NO COURSE ARTICULATED: College has not		
	Hebrew I		submitted course(s) for articulation		
As of F17,					
HEBREW 22	Intermediate Modern	(5)	NO COURSE ARTICULATED: College has not		
	Hebrew II		submitted course(s) for articulation		
As of F17,					
HEBREW 23		(5)	NO COURSE ARTICULATED: College has not		
	Hebrew III OR		submitted course(s) for articulation OR		
HIN-URD 1	Elem Hindi/Urdu I	(5)	NO COURSE ARTICULATED: College has not		
	-1! 1! / 1	<i>(</i> - <i>)</i>	submitted course(s) for articulation		
HIN-URD 2	Elem Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
HIN-URD 3	Elem Hindi/Urdu III	(5)	NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
HIN-URD 21	Intermed Hindi/Urdu		NO COURSE ARTICULATED: College has not		
			submitted course(s) for articulation		
As of F17,					
HIN-URD 22	Intermed Hindi/Urdu II	(5)	NO COURSE ARTICULATED: College has not		
7 of E17	unita - 1		submitted course(s) for articulation		
As of F17,		r / r \	NO COURCE ADMICULATION College bereit		
HIN-URD 23	intermed Hindi/Urdu II.	L (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					

END OF MAJOR

====Music A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Diagnostic Examination Note:

Students completing the program of courses below achieve a fundamental grounding in music theory, music history, and performance. Upon admission to UC Davis, students will demonstrate required proficiency through a diagnostic exam as part of their initial academic planning and advisement. Students will be scheduled for specific courses appropriate to their proficiency level.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

MUSIC 2	A Keyboard C	Competence	(2) NO	COMPARABLE	COURSE
MUSIC 2	B Keyboard C	ompetence	(2) NO	COMPARABLE	COURSE
MUSIC 20	C Kevboard C	Competence	(2) NO	COMPARABLE	COURSE

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 2A-C THROUGH EXAMINATION

MUSIC 6B	Elementary Theory Elementary Theory	submitted course(s) for articulation (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7A	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7B	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 7C	Intermediate Theory	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16A	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16B	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 16C	Elem Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	STUDENTS MAY PASS OUT OF THROUGH EXAMINATION	F ONE OR MORE QUARTERS OF MUSIC 16A-C
MUSIC 17A	Intermediate Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17B	Intermediate Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MUSIC 17C	Intermediate Musicianship	(2) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	STUDENTS MAY PASS OUT THROUGH EXAMINATION	OF ONE OR MORE QUARTERS OF MUSIC 17A-C
MUSIC 24A MUSIC 24B	Intro Music History Intro Music History	(3) NO COMPARABLE COURSE (3) NO COMPARABLE COURSE

- MUSIC 24C Intro Music History (3) NO COMPARABLE COURSE

END OF MAJOR

====Native American Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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) NO COMPARABLE COURSE
N A STD 10	NA Experience OR	(4) NO COMPARABLE COURSE OR
N A STD 12	Native Amer/Indigenous Film	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

ONE OR TWO COURSES FROM:

N A STD 5	Intro NA Literature	(4) NO COMPARABLE COURSE
N A STD 12	Native Amer/Indigenous	(4) NO COURSE ARTICULATED: College has not
	Film	submitted course(s)for articulation
N A STD 32	NA Music & Dance	(4) NO COMPARABLE COURSE
N A STD 33	Intro NA Art	(4) NO COMPARABLE COURSE
N A STD 34	NA Art Workshop	(4) NO COMPARABLE COURSE

ONE OR TWO COURSES FROM:

AF-AMST 12 AF-AMST 52 ANTHRO 2	Intro Afro Studies Afr Tradit Relig Cultural Anthropology	(4)	NO COMPARABLE COURSE NO COMPARABLE COURSE ANTHRO 103 Cultural (3) Anthropology
As of W17,	units=5		
ANTHRO 20	Comparative Cultures	(4)	NO COMPARABLE COURSE
ANTHRO 24	Ancient Crops and People	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
A A STD 4	Asian Amer Cultural	(4)	NO COURSE ARTICULATED: College has not
	Studies		submitted course(s) for articulation
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 21	Hlth Care Issues	(4)	NO COMPARABLE COURSE
CHICANO 23	Qualitative Research	(4)	NO COURSE ARTICULATED: College has not

	Methods		submitted course(s) for articulation
COMPLIT 25	Ethnic Writers	(4)	NO COMPARABLE COURSE
CM&RGDE 2	Ethnicity Amer Comm	(4)	NO COMPARABLE COURSE
ENV S&P 10	Current Issues in	(3)	NO COMPARABLE COURSE
	Environment		
ENV S&P 1	not open for credit to	stude	ents who have completed ENV S&P 1
HISTORY 7A	Latin America to 1700	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3)
			I
LINGUIS 1	Intro Linguistics	(4)	NO COMPARABLE COURSE
END OF MAJOR			1

====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 <u>or</u> 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <u>strongly recommended</u> that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the <u>UC Transfer</u>

<u>Admission webpage</u>. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 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 Earth	on	(5)	BIOSCI			ılar and ar Biology	7	(4)
					 BIOSCI 	_		ılar and Lar Biology	7 –	(4)
BIOLSCI	2B	Intro Biology: Ecol & Evolution	logy	(5)	BIOSCI	106	Organis Enviror Biology			(4)
BIOLSCI	2C	Intro Biology: Biodiversity & the of Life		(5)	BIOSCI	106	Organis Enviror Biology			(4)
CHEM 2A	Gei	nl Chemistry		(5)	CHEM 20 OR	01	General	Chemistry	I	(6)
					CHEM 2	01H	General Honors	Chemistry	I -	(6)

CHEM 2E	B G	enl Chemis	stry	(5)	•		_			Chemistry		(6)
CITEM 0	a a	1 61 '		<i>(</i> - <i>)</i>						Chemistry		(5)
CHEM 20	. G	enl Chemis	stry 	(5)	СНЕМ 	202	: 	Gene	raı (Chemistry	тт	(5)
CHEM 8A	A 0:	rganic Che	em-Brief	(2)	NO CO	OMPA	RAB	LE CO	URSE			
CHEM 8E		rganic Che						LE CO				
		OR			İ				OR			
CHEM 11	18A	Org Chem	, Hlth & Sci	(4)	CHEM	255	•	Orgai	nic	Chemistry	I	(5)
CHEM 11	18B	Org Chem	, Hlth & Sci	(4)	CHEM	255	<u>&</u>	Orgai	nic	Chemistry	I	(5)
					CHEM					Chemistry		(5)
CHEM 11	18C	Org Chem	, Hlth & Sci	(4)	CHEM	256		Orgai	nic	Chemistry	II	(5)
MATH 17	7A (Calculus i	for BioSci	(4)	NO CO	 OURS	E A	RTICU	 LATE:	D: College	e has	not
										for articu		
MATH 17	7B (Calculus :	for Biosci	(4)	NO CO	OURS	E A	RTICU	LATE:	D: College	e has	not
					subm	itte	d c	ourse	(s)	for artic	ulatio	on
MATH 17	7C (Calculus 1	for BioSci	(4)	NO CO	DURS	E A	RTICU	LATE:	D: College	e has	not
					submi	itte	d c	ourse	(s)	for articu	ulatio	on
		OR							OR			
MATH 21	1A (Calculus						Calc				(5)
MATH 21	1B (Calculus		(4)	MATH	212	!	Calc	ulus	II		(5)
PHYSICS	 s 7a	General	Physics	(4)	 PHYS:	 IC 1	.10	• Gei	nera	l Physics	 I	(4)
			•	. ,	PHYS:			_		l Physics		(4)
PHYSICS	S 7B	General	Physics	(4)	PHYS	IC 1	10			l Physics		(4)
					PHYS					l Physics		(4)
PHYSICS	s 7C	General	Physics	(4)	PHYS	IC 1	10	& Ge1	nera	l Physics	I	(4)
					PHYS	IC 1	11	Gei	nera	l Physics	II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED:

MATH 21C Calculus (4) | MATH 213 Calculus III (5)

END OF MAJOR

====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 $\frac{\text{highly recommended}}{\text{major}}$ 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 http://tag.ucdavis.edu for details regarding UC Davis TAG.

Table of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

BIOLSCI 2A Intro Biology:Life on (5)|BIOSCI 107 Molecular and (4)

Earth | Cellular Biology | OR |

BIOSCI 107H Molecular and (4)

				Cellular Biology - Honors	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	 BIOSCI 106 	Biology Organismal and Environmental Biology	(4)
CHEM 2A	Genl Chemistry	(5)	CHEM 201 OR	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 <u>&</u> CHEM 202	General Chemistry I General Chemistry II	(6) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202	General Chemistry II	(5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARAB:		
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		!	Organic Chemistry I Organic Chemistry I Organic Chemistry II	(5) (5) (5)
CITEM 1005	OR	(2)	į	OR	
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry	٠,	CHEM 255 CHEM 255 &		(5) (5)
CHEM 129A	Organic Chem Lab	(2)	CHEM 256 CHEM 255	Organic Chemistry II Organic Chemistry I	(5) (5)
NUTR 10	Discoveries and Concepts	(3)	HLHSCI 150	Nutrition	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103	Behavioral Research	(3)
SOCIOL 46A	OR Intro Social Rsch	(4)	 NO COMPARAB:	OR LE COURSE	
The	remaining preparatory subje			sed on which	
	NUTRITIONAL	віо	LOGY OPTION:		
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103	Cultural Anthropology	(3)
As of W17,	units=5 OR			OR	
PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
	OR		<u>OR</u> PSYCH 101H 	Introduction to Psychology - Honors OR	(3)
SOCIOL 1	Intro Sociology	(5)	 SOCI 101 	Introduction to Sociology	(3)
SOCIOL 3	OR Social Problems	(4)	 SOCI 207	OR Social Problems	(3)
MATH 16A MATH 16B	Short Calculus Short Calculus		!	Calculus I Calculus II	(5) (5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARAB	 LE COURSE	

ANTHRO 2	Cultural Anthropology	(4) ANTHRO 1	03 Cultural Anthropology	(3)
As of W17		1		
SOCIOL 1	OR Intro Sociology	(5) SOCI 101	OR Introduction to Sociology	(3)
gogtot 2	OR	(4) GOGT 207	OR	(2)
SOCIOL 3	Social Problems	(4) SOCI 207	Social Problems	(3)
	Princ of Microecon Princ of Macroecon		Microeconomics Macroeconomics	(3)
PSYCH 1	General Psychology	į	1 Introduction to Psychology	(3)
		OR PSYCH 10	1H Introduction to Psychology - Honors	(3)
-	DIVISION ELECTIVES BY AREA		ION IN PUBLIC HEALTH OPTIC)N:
Agricultu	DIVISION ELECTIVES BY AREA ral and Health Policy Area: Pop,Envr,World Agri	_)N:
Agricultur AGRESEC 15	ral and Health Policy Area: Pop,Envr,World Agri	(4) NO COMPA)N:
Agricultur AGRESEC 19 Cultural I AMR STD 59 Same as CM&RGDE 2 INT AG 10	ral and Health Policy Area:	(4) NO COMPAI nge Area: (4) NO COURS: submitted (4) NO COMPAI	RABLE COURSE E ARTICULATED: College has d course(s) for articulati RABLE COURSE	not
Agricultur AGRESEC 15 Cultural I AMR STD 55 Same as CM&RGDE 2 INT AG 10	ral and Health Policy Area: Pop,Envr,World Agri Diversity and Community Cha Food in Amer Culture FD S&T 55 Ethnicity Amer Comm Intro Intl Ag Development	(4) NO COMPAI nge Area: (4) NO COURS: submitted (4) NO COMPAI	RABLE COURSE E ARTICULATED: College has d course(s) for articulati RABLE COURSE	not
Agricultur AGRESEC 15 Cultural I AMR STD 55 Same as CM&RGDE 2 INT AG 10	ral and Health Policy Area: Pop,Envr,World Agri Diversity and Community Cha Food in Amer Culture S: FD S&T 55 Ethnicity Amer Comm Intro Intl Ag	(4) NO COMPAI ange Area: (4) NO COURS: submitted (4) NO COMPAI (4) NO COMPAI	RABLE COURSE E ARTICULATED: College has d course(s) for articulati RABLE COURSE	not
Agricultur AGRESEC 15	ral and Health Policy Area: Pop,Envr,World Agri Diversity and Community Cha Food in Amer Culture First FD S&T 55 Ethnicity Amer Comm Intro Intl Ag Development Ada Applied Sciences Area:	(4) NO COMPAI ange Area: (4) NO COURS: submitted (4) NO COMPAI (4) NO COMPAI	RABLE COURSE E ARTICULATED: College has d course(s) for articulating RABLE COURSE RABLE COURSE E ARTICULATED: College has d course(s) for articulation RABLE COURSE	not

====Pharmaceutical Chemistry B.S.====

(4) NO COMPARABLE COURSE

Special Advising Note:

END OF MAJOR

SCI&SOC 15 Aids & Society

Course discontinued as of F17

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major pharmaceutical chemistry will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Chemistry 2A/B/C or Chemistry 2AH/BH/CH
- -Chemistry 118 A/B/C or Chemistry 128A/B/C, 129A/B/C
- -Mathematics 21A/B/C/D
- -Mathematics 16A/B/C or Mathematics 17A/B/C or Mathematics 21A/B/C

We strongly recommend that you complete courses comparable to the following UC Davis courses with C or better grades before matriculating to UC Davis. Completion of these courses will help you move more efficiently toward graduation:

- -Physics 7A/B/C or Physics 9A/B/C
- -Biological Sciences 2A
- -Biological Sciences 2B or 2C
- -Statistics 13 or 32

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ HC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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.

CHEM 2A Genl Chemistry (5) | CHEM 201 General Chemistry I (6) | OR | CHEM 201H General Chemistry I - (6) | Honors

CHEM 2B Genl Chemistry (5) | CHEM 201 & General Chemistry I (6)

			CHEM 20	2	General (Chemistry	II	(5)
CHEM 2C	Genl Chemistry	(5)	CHEM 20	2	General (Chemistry	II	(5)
	OR				OR			
CHEM 2AH	Honors Genl Chemistry	(5)	NO COUR	RSE A	ARTICULATEI): College	e has	not
			submitt	ed o	course(s) f	for articu	ulatio	on
CHEM 2BH	Honors Genl Chemistry	(5)	NO COUR	RSE A	ARTICULATEI): College	e has	not
			submitt	ed c	course(s) f	for articu	ulatio	on
CHEM 2CH	Honors Genl Chemistry	(5)	NO COUR	RSE A	ARTICULATEI): College	e has	not
			submitt	ced o	course(s) f	for articu	ulatio	on
PHYSICS 7A	General Physics	(4)	 PHYSIC	110		Physics		(4)
PHYSICS 7A	General Physics	(4)	 PHYSIC PHYSIC		_	Physics Physics		(4) (4)
PHYSICS 7A PHYSICS 7B	General Physics General Physics	(4)	PHYSIC	111	- General	-	II	` '
	-		PHYSIC	111 110	General General	Physics	II I	(4)
	-	(4)	PHYSIC PHYSIC	111 110 111	General General General	Physics Physics	II I	(4) (4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

		OR						OR	
PHYSICS 9.	A	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	В	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9	С	Classical	Physics	(5)	PHYSIC	220	<u>&</u>	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	(4)
					PHYSIC	221	<u>&</u>	Physics for Scientists and Engineers: Electricity and Magnetism	(4)
					PHYSIC	222		Physics for Sci and Engrs: Waves, Heat,	(4)

			Optics and Modern Physics
MATH 16A	Short Calculus		MATH 211 Calculus I (5)
MATH 16B	Short Calculus		MATH 212 Calculus II (5)
MATH 16C	Short Calculus OR	(3)	MATH 212 Calculus II (5) OR
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	OR		OR
MATH 21A	Calculus		MATH 211 Calculus I (5)
MATH 21B MATH 21C			MATH 212 Calculus II (5) MATH 213 Calculus III (5)
MAIH ZIC			MATH 213 Calculus III (5)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			OR
BIOLSCI 2B	& Evolution	(5)	Environmental Biology
BIOLSCI 2C	Biodiversity & the Tree		OR BIOSCI 106 Organismal and (4) Environmental
	of Life		Biology
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics
			OR (4)
			MATH 140H Introductory (4) Statistics - Honors
			OR
			PSYCH 104 Statistics for the (3) Behavioral Sciences
STATIST 32	OR Stat Anlys Thru Comp title = Gateway to Data Sc		OR NO COMPARABLE COURSE
CHEM 118A	Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
CHERT 1007	OR	(2)	OR
CHEM 128A CHEM 128B	Organic Chemistry Organic Chemistry		CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5)
		(-)	CHEM 256 Organic Chemistry II (5)
CHEM 128C	Organic Chemistry		CHEM 256 Organic Chemistry II (5)
CHEM 129A	Organic Chem Lab		CHEM 255 Organic Chemistry I (5)
CHEM 129B	Organic Chem Lab	(2)	CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 129C	Organic Chem Lab	(2)	CHEM 256 Organic Chemistry II (5)

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4) PHILOS 230 Symbolic Logic (3)

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

g)	PHILOS 1	Intro to Philos	(4) PHILOS 103	1 Introduction to Philosophy	(3)
			<u>OR</u> PHILOS 11:	1 History of Modern Philosophy	(3)

OR PHILOS 112 History of (Philosophy - 20th Century Philosophy	3)
b. ANCIENT PHILOSOPHY	
PHILOS 21 Phil: Ancient (4) PHILOS 110 History of Ancient (Philosophy	3)
As of F17, title = Phil Classics: Ancient	
c. EARLY MODERN PHILOSOPHY	
	3)
As of F17, title = Phil Classics: Modern	
d. PHILOSOPHY OF MIND	
PHILOS 13G Minds, Brains Comp (4) NO COURSE ARTICULATED: College has no submitted course(s) for articulation	t
e. <u>ETHICS:</u>	
Problems	3)
OR OR PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE OR OR	
· · · · · · · · · · · · · · · · · · ·	3)
f. PHILOSOPHY OF SCIENCE	
PHILOS 30 Intro Philos of Sci (4) NO COMPARABLE COURSE OR OR	
PHILOS 31 Scientific Reason (4) NO COMPARABLE COURSE OR OR	
PHILOS 32 Scientific Change (4) NO COMPARABLE COURSE OR OR	
PHILOS 38 Intro Philos of Biol (4) NO COMPARABLE COURSE g. PHILOSOPHY OF LANGUAGE	
PHILOS 17 Language, Thought & (4) NO COURSE ARTICULATED: College has no world submitted course(s) for articulation	
PRE-LAW EMPHASIS ONE COURSE FROM THE FOLLOWING:	
PHILOS 14 Eth Soc Prob in Soc (4) PHILOS 240 Contemporary Moral (3)
PHILOS 15 Intro to Bioethics (4) NO COMPARABLE COURSE	- /
PHILOS 16 Phil Foundations of Amer (4) NO COURSE ARTICULATED: College has no Democ submitted course(s) for articulation	ot
ALL OF THE FOLLOWING COURSES: PHILOS 5 Critical Reasoning (4) PHILOS 106 Critical Reasoning (2 \
· · · · · · · · · · · · · · · · · · ·	3) 3)
;	3)

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PRE-MED EMPHASIS: ONE COURSE FROM THE FOLLOWING:

PHILOS 24	Intro to Ethics	(4) PHILOS 120	Introduction to	(3)
PHILOS 30 PHILOS 31 PHILOS 32	Intro Philos of Sci Scientific Reason Scientific Change	(4) NO COMPARABLE (4) NO COMPARABLE (4) NO COMPARABLE	COURSE	
PHILOS 12 PHILOS 15 PHILOS 38	ALL OF THE F Intro to Symbol Logic Intro to Bioethics Intro Philos of Biol	OLLOWING COURSES: (4) PHILOS 230 (4) NO COMPARABLE (4) NO COMPARABLE	COURSE	(3)

END OF MAJOR

g) Students who complete PHILOS 111 at College of the Canyons will receive credit at UC Davis for PHILOS 1 or PHILOS 22 through the 16-17 academic year. As of fall 2017 they will receive credit for PHILOS 22.

====Physics A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

⁻Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE

⁻Mathematics 21A/B/C/D

⁻Mathematics 22A/B

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG. ______

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

______ PHYSICS 9A Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics PHYSICS 9B Classical Physics (5) PHYSIC 220 & Physics for (4)Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4) Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4)

PHYSICS 9C	Classical Physics	(5)	 - PHYSIC 220 <u>&</u>	Engrs: Waves, Heat, Optics and Modern Physics Physics for Scientists and	(4)
				Engineers: Mechanics of Solids and Fluids	
			PHYSIC 221 <u>&</u> 	Physics for Scientists and Engineers: Electricity and	(4)
			 PHYSIC 222 	Magnetism Physics for Sci and Engrs: Waves, Heat, Optics and Modern Physics	(4)
PHYSICS 9D	Modern Physics OR	(4)	 NO COMPARABLE 	<u> -</u>	
PHYSICS 9HA	Honors Physics	(5)	NO COMPARABLE	COURSE	
PHYSICS 9HB	Honors Physics	(5)	NO COMPARABLE	COURSE	
PHYSICS 9HC	2	(5)	NO COMPARABLE	COURSE	
PHYSICS 9HD	Honors Physics		NO COMPARABLE		
PHYSICS 9HE	Honors Physics	(5) 	NO COMPARABLE	COURSE	
MATH 21A	Calculus	(4)	MATH 211 C	Calculus I	(5)
MATH 21B		(4)	MATH 212 C	alculus II	(5)
MATH 21C	Calculus			Calculus III	(5)
MATH 21D	Vector Analysis	(4)	MATH 213 (Calculus III	(5)
MATH 22A	Linear Algebra Differntl Equations	(3)	MATH 214 I	inear Algebra	(3)
MATH 22B	Differntl Equations	(3) 	MATH 215 I 	oifferential Equations	(3)
PHYSICS 80	Experimental Techniques	(4)			

END OF MAJOR

====Physics B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete a calculus-based physics series, a calculus series through linear algebra and differential equations, and a formal course in C programming before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree. As a result, students who expect to graduate in two years will need the recommended courses upon entry.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Advising Note for future applicants:*

Beginning fall 2020, the major physics will become selective and will require preparatory coursework for admission. Any required courses that are offered at your current campus will need to be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses will not be offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall GPA of 2.80 or higher to be competitive candidates for admission to this major (3.20 or higher for TAG applicants).

Strive to achieve your highest possible GPA in order to be most competitive. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the selective major course group. It is recommended that candidates have a cumulative GPA of at least 3.00 for the group of courses below that have been completed at the time of application and through the transfer academic update filing period. Whether planning for the general application or TAG process, courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC course equivalents).

- -Physics 9A/B/C/D or Physics 9HA/HB/HC/HD/HE
- -Mathematics 21A/B/C/D
- -Mathematics 22A/B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

PHYSICS 9A Classical Physics (5) PHYSIC 220 & Physics for Scientists and Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4)Scientists and Engineers: Electricity and Magnetism PHYSIC 222 Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics PHYSICS 9B Classical Physics (5) PHYSIC 220 $\underline{\&}$ Physics for (4)Scientists and

	Engineers: Mechanics of Solids and Fluids PHYSIC 221 & Physics for (4 Scientists and Engineers: Electricity and)
	Magnetism PHYSIC 222 Physics for Sci and (4 Engrs: Waves, Heat, Optics and Modern Physics)
PHYSICS 9C Classical Physics	<u> </u>)
	PHYSIC 221 & Physics for (4 Scientists and Engineers: Electricity and Magnetism)
	PHYSIC 222 Physics for Sci and (4 Engrs: Waves, Heat, Optics and Modern Physics)
PHYSICS 9D Modern Physics OR	(4) NO COMPARABLE COURSE 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 211 Calculus I (5))
MATH 21B Calculus	(4) MATH 212 Calculus II (5	
MATH 21C Calculus MATH 21D Vector Analysis	(4) MATH 213 Calculus III (5) (4) MATH 213 Calculus III (5)	
MATH 22A Linear Algebra	(3) MATH 214 Linear Algebra (3)	
MATH 22B Differntl Equations	(3) MATH 215 Differential Equations (3	
ENG CS 30 Programming&Prob Sc	Computer Algorithms and Programming/JAVA)
	$\frac{OR}{CMPSCI}$ 235 C Programming (3))
As of F18, Course Number = EN	G CS 36A valent programming course	
or edu		
PHYSICS 80 Experimental Techniq		-
	······································	_

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:

ENG CS 40 Sftwr/Obj-Orien:C++ (4) CMPSCI 236 C++ Object Oriented (3) Programming

As of F18, Course Number = ENG CS 36B

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END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also strongly recommended that transfer students complete courses comparable to the following UC Davis courses. Completion of these courses will help you move more efficiently toward graduation. Courses should be taken for a letter grade, with no grade less than C:

Organic Chemistry series cited on ASSIST for your major Physics 7A/B/C or the physics series cited on ASSIST for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

* Students planning for the major biochemistry and molecular biology should complete Organic Chemistry 118A/B/C rather than 8A/B. Students planning for the major marine and coastal science (marine ecology & organismal biology) should complete Organic Chemistry 8A/B; however, students may substitute Chemistry 118A/B/C.

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the UC Transfer Admission webpage. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Special Note for Transfer Students Considering an A.B. Degree in this Major:

Applicants to majors in the College of Biological Sciences apply to the major, without reference to A.B. or B.S. degrees, which are chosen after enrollment at UC Davis. All majors currently offered in the College of Biological Sciences are selective for purposes of admission; therefore, in order to be considered for admission in this selective major, transfer students who plan to pursue the A.B. degree MUST also complete Chemistry 2C and additional courses in math. At a minimum, for admission students MUST complete courses comparable to UC Davis's Biological Sciences 2A/B/C; Mathematics 17A/B/C or 21A/B; and Chemistry 2A/B/C. See the B.S. degree in this major for additional course articulation information.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. 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)	BIOSCI 107	Molecular and Cellular Biology	(4)
			OR		
			BIOSCI 107H		(4)
				Cellular Biology - Honors	
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental	(4)
				Biology	
BIOLSCI 2C	<pre>Intro Biology: Biodiversity & the Tree of Life</pre>	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)

CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			<u>OR</u> CHEM 201H 	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	: —	General Chemistry I	(6)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief	(2)	CHEM 202 NO COMPARABI NO COMPARABI	LE COURSE	(5)
STATIST 13 Same as	Elementary Statistics : STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)

RECOMMENDED COURSES:

CHEM 2C Genl Chemistry (5) CHEM 202 General Chemistry II (5)

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

The following majors in the College of the Biological Sciences--biochemistry and molecular biology; biological sciences; cell biology; evolution, ecology, and biodiversity; genetics and genomics; marine and coastal science (marine ecology & organismal biology); microbiology; neurobiology, physiology, and behavior; and plant biology--are selective and require preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Mathematics 17A/B/C or 21A/B Chemistry 2A/B/C Biological Sciences 2A/B/C

It is also <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.

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.

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.

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 (5) BIOSCI 107 Molecular and Earth Cellular Biology OR BIOSCI 107H Molecular and (4)Cellular Biology -Honors BIOLSCI 2B Intro Biology: Ecology (5) BIOSCI 106 Organismal and (4)& Evolution Environmental Biology BIOLSCI 2C Intro Biology: (5) BIOSCI 106 Organismal and Environmental (4)

	of Life		Biology	
CHEM 2A	Genl Chemistry	(5)	<u>OR</u>	(6)
			CHEM 201H General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	!	(6) (5)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II	
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARABLE COURSE NO COMPARABLE COURSE	
G11774 1107	OR	(4)	OR	<i>(</i> - <i>)</i>
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci			(5) (5)
CHEN TIOD	org chem, mren a ber	(1)		(5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II	(5)
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has	
MATH 17B	Calculus for Biosci	(4)	submitted course(s) for articulatio NO COURSE ARTICULATED: College has	not
MARKE 156		(4)	submitted course(s) for articulatio	
MATH 17C	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has submitted course(s) for articulatio	
	OR		OR	
MATH 21A				(5)
MATH 21B	Calculus	(4)	MATH 212 Calculus II	(5)
PHYSICS 7A	General Physics	(4)	·	(4)
PHYSICS 7B	General Physics	(4)	·	(4) (4)
FILLDICD /P	General Filysics	(1	: ————————————————————————————————————	(4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I	(4)
			PHYSIC 111 General Physics II	(4)

It is highly recommended that students complete an entire physics series at their community college that is equivalent to the entire UC Davis Physics 7A/B/C series before transferring. Students who transfer without completing an entire series may be required to take additional physics courses upon arrival at UC Davis, and will need to meet with a UC Davis advisor before continuing with physics.

RECOMMENDED COURSES:

BIOLSCI 20Q	Modeling in Biology	(2)	NO	COURSE	ARTICULATE	D: (College h	has	not
			sub	mitted	course(s)	for	articula	atio	n
MATH 21C	Calculus	(4)	MAT	н 213	Calculus	II	I		(5)

END OF MAJOR

====Plant Sciences B.S.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is <a href="https://doi.org/10.1001/journal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is

strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

available :	from our TAG website.		
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107 Molecular and (4) Cellular Biology
			<u>OR</u> BIOSCI 107H Molecular and (4) Cellular Biology - Honors
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (4) Environmental Biology
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B	Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5) CHEM 202 General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
CHEM 118A CHEM 118B	Org Chem, Hlth & Sci Org Chem, Hlth & Sci		CHEM 255 Organic Chemistry I (5) CHEM 255 & Organic Chemistry I (5) CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5) CHEM 256 Organic Chemistry II (5)
MATH 16A MATH 16B	Short Calculus Short Calculus OR		MATH 211
MATH 17A	Calculus for BioSci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
PHYSICS 1A PHYSICS 1B	Principles Physics Principles Physics OR		NO COMPARABLE COURSE NO COMPARABLE COURSE OR
PHYSICS 7A	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
their communications series before series may	unity college that is equivore transferring. Students be required to take additionally will need to meet with a University	alent who tonal C Dav	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
PL SCI 21	Computers in Technology	(3)	NO COMPARABLE COURSE
ECON 1A	COURSES FOR THE Princ of Microecon OR		PRODUCTION OPTION: ECON 202 Microeconomics (3) OR

RECOMMENDED COURSES FOR THE MAJOR:

ABIOSYT 49	Fld Equip Oper	(2) NO COMPARABLE COURSE
	OR	OR
PL SCI 49	Org Crop Prod Prac	(3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation

END OF MAJOR

====Political Science - Public Service A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG. ______

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

|

POL SCI 2	Intro Comp Politics	(4)	POLISC 250 	Comparative Government and Politics	(3)
POL SCI 3	Internatl Relations	(4)	POLISC 270		(3)
POL SCI 5	Bas Cnpt/Pol Thry Probs/Am Pol Sys Law & Politics	(4)	POLISC 230 NO COMPARABLE NO COMPARABLE		(3)
POL SCI 51	Scientific Study of Politics	(4)	1	ICULATED: College has rse(s) for articulati	
	Elementary Statistics STATIST 13Y	(4)	!	Introductory Statistics	(4)
			MATH 140H	Introductory Statistics - Honors	(4)

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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	alog . Quick reference cha com our TAG website.	arts	for $\frac{AP}{}$ and $\frac{IB}{}$ are also
	THREE COURSES FROM	 THE	FOLLOWING.
POL SCI 1			POLISC 150 Introduction to (3) American Government and Politics
POL SCI 2	Intro Comp Politics	(4)	POLISC 250 Comparative (3) Government and Politics
POL SCI 3	Internatl Relations	(4)	POLISC 270 International (3) Relations
POL SCI 4	Bas Cnpt/Pol Thry ONE COURSE FR		POLISC 230 Political Theory (3) HE FOLLOWING:
Note: Course	es listed twice may be use	ed on	ly once for major preparation
POL SCI 1			POLISC 150 Introduction to (3) American Government and Politics
POL SCI 2	Intro Comp Politics	(4)	POLISC 250 Comparative (3) Government and Politics
POL SCI 3	Internatl Relations	(4)	POLISC 270 International (3) Relations
POL SCI 4 POL SCI 5	Bas Cnpt/Pol Thry Probs/Am Pol Sys		POLISC 230 Political Theory (3)
POL SCI 7	Law & Politics		NO COMPARABLE COURSE
POL SCI 11A	America Decides		NO COURSE ARTICULATED: College has not
POL SCI 11B	Citizen Lawmaking	(4)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation
POL SCI 11C	Politics & Film	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
POL SCI 11D	Political Persuasion	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
POL SCI 12A	Politics & Sports	(4)	NO COURSE ARTICULATED: College has not submitted course(s)for articulation
POL SCI 12B	Climate Chg & Politics	(4	·
POL SCI 51	Scientific Study of Politics	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (4) Statistics
			OR MATH 140H Introductory (4) Statistics - Honors
			OR PSYCH 104 Statistics for the (3) Behavioral Sciences
	OR		OR

STATIST 32 Stat Anlys Thru Comp (4) NO COMPARABLE COURSE As of F18, title = Gateway to Data Science END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to

enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

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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:

Advanced Flacement (AF) and International Datecularieste (IB) Brammation 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.

PSYCH 1	General Psychology	(4)	PSYCH 101	Introduction to Psychology	(3)
PSYCH 41	Research Methods	(4)	<u>OR</u> PSYCH 101H PSYCH 103	Introduction to Psychology - Honors Introduction to	(3)
			İ	Behavioral Research	
STATIST 13 Same as:	Elementary Statistics STATIST 13Y	(4)	 MATH 140 	Introductory Statistics	(4)
			<u>OR</u> MATH 140H 	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H	Molecular and	(4)

Cellular	Biology	-
Honors		

OR A COMBINATION OF

BIOLSCI 10	Everyday Biology	(4) BIOSCI 100	General Biology	(4)
		OR		
		BIOSCI 100H	General Biology -	(4)
			Honors	

AND ONE COURSE FROM

ANTHRO 1	Human Evol Biol	(4) ANTHRO 101 Physical Anthropology	(3)
		<u>OR</u>	(2)
		ANTHRO 101H Physical Anthropology Honors	- (3)
	OR	OR	
MOL&CB 10	Intro Human Heredity	(4) BIOSCI 140 Principles of Genetics	Human (3)
	OR	OR	
NE PH B 10	Elem Human Physio	(3) BIOSCI 204 Human Anatomy Physiology I	and (4)
		OR	
		BIOSCI 205 Human Anatomy Physiology II	and (4)

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A,

or
*Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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(4) PSYCH 101 Introduction to (3) PSYCH 1 General Psychology

Psychology

			PSYCH 101H Introduction to ((3)
PSYCH 41	Research Methods	(4)	!	(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 140 Introductory (Statistics OR	(4)
			! 	(4)
			<u></u>	(3)
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I ((5)
MATH 16B	Short Calculus	(3)		(5)
MATH 17A	OR Calculus for BioSci	(4)	OR NO COURSE ARTICULATED: College has n	not
111111 1711	carcaras for Broser	(- /	submitted course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	NO COURSE ARTICULATED: College has n	
	OR		submitted course(s) for articulation	1
MATH 21A	Calculus	(4)	!	(5)
MATH 21B	Calculus			(5)
PHYSICS 10	± ,	(4)	:	
PHYSICS 10C	OR Physics of California	(2)	OR NO COURSE ARTICULATED: College has n	10t
FIIIDICD 10C	rilysics of California	(3)	submitted course(s)for articulation	100
	OR		OR	
PHYSICS 7A	General Physics	(4)	·	(4)
PHYSICS 7B	General Physics	(4)	·	(4) (4)
1112102 .2	001101011 11172102	(- /	:	(4)
			mplete an entire physics series at	
			t to the entire UC Davis Physics 7A/B transfer without completing an entire	
			physics courses upon arrival at UC	_
Davis, and physics.	will need to meet with a U	C Da	vis advisor before continuing with	
BIOLSCI 2A		(5)	!	(4)
	Earth		Cellular Biology OR	
			! —	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106 Organismal and (Environmental	(4)
DIOLGGI OG	T. 1. D. 1.	<i>(</i> - <i>)</i>	Biology	<i>(</i> 4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree		BIOSCI 106 Organismal and (Environmental	(4)
	of Life		Biology	
CHEM 2A	Genl Chemistry	(5)	CHEM 201 General Chemistry I (OR	(6)
			CHEM 201H General Chemistry I - (Honors	(6)
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I ((6)
			CHEM 202 General Chemistry II ((5)
 Спем бу	Organic Chem-Brief	(2)	 NO COMPARABLE COURSE	
			NO COMPARABLE COURSE NO COMPARABLE COURSE	

	OR				OR
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM	255	Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM	255	& Organic Chemistry I (5)
			CHEM	256	Organic Chemistry II (5)
	OR				OR
CHEM 128A	Organic Chemistry	(3)	CHEM	255	Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM	255	& Organic Chemistry I (5)
			CHEM	256	Organic Chemistry II (5)

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1; Statistics 13; One of these two options: Biological Sciences 2A

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 requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to

enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

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PSYCH 1	General Psychology	(4)	į	Introduction to Psychology	(3)
			<u>OR</u> PSYCH 101H 	Introduction to Psychology - Honors	(3)
PSYCH 41	Research Methods	(4)	PSYCH 103		(3)
	Elementary Statistics STATIST 13Y	(4)	MATH 140 OR	Introductory Statistics	(4)
			<u>5X</u> MATH 140H OR	Introductory Statistics - Honors	(4)
			<u>OK</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4)	MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4)	MATH 213	Calculus III	(5)
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111 	Introduction to Computer Algorithms and Programming/JAVA	(3)
			OR	C. Decomposition of	(2)
As of F1	8, Course Number = ENG CS 3	36A	CMPSCI 235	C Programming	(3)
	OR			OR	
ENG CS 10	Intro to Programming	(4)	NO COMPARAB	LE COURSE	

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

CHEM 10 Concept of Chem (4) NO COMPARABLE COURSE OR
) CHEM 201 General Chemistry I (6) OR
CHEM 2B Genl Chemistry (5	CHEM 201H General Chemistry I - (6) Honors (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6) General Chemistry I (6)
OR	CHEM 202 General Chemistry II (5) OR
) NO COURSE ARTICULATED: College has not
	submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
PHYSICS 10 Topics, Nonscientists (4) NO COMPARABLE COURSE OR
PHYSICS 10C Physics of California (3) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
OR	OR
PHYSICS 7A General Physics (4	PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
PHYSICS 7B General Physics (4) PHYSIC 110 & General Physics I (4) PHYSIC 111 General Physics II (4)
their community college that is equivaled series before transferring. Students who series may be required to take additional Davis, and will need to meet with a UC I physics.	l physics courses upon arrival at UC
BIOLSCI 2A Intro Biology:Life on (5 Earth	Cellular Biology
	OR BIOSCI 107H Molecular and (4) Cellular Biology - Honors
OR A COMBINA	TION OF
BIOLSCI 10 Everyday Biology (4) BIOSCI 100 General Biology (4)
	OR BIOSCI 100H General Biology - (4) Honors
AND ONE COUR	SE FROM
ANTHRO 1 Human Evol Biol (4) ANTHRO 101 Physical (3) Anthropology
OR	OR ANTHRO 101H Physical (3) Anthropology - Honors OR
	BIOSCI 140 Principles of Human (3) Genetics
OR	OR

NE PH B 10	Elem Human Physio	(3) BIOSCI 204	Human Anatomy and Physiology I	(4)
		<u>OR</u> BIOSCI 205	Human Anatomy and Physiology II	(4)

END OF MAJOR

====Religious Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

REL STD 1 Survey of Religion (4) PHILOS 220 Introduction to (3)

Comparative Religion

REL STD 1A Pilgrimage (4) NO COMPARABLE COURSE

REL STD	1B	Death and Afterlife	(4)	NO COMPARABLE COURSE
REL STD		Sacrifice		NO COMPARABLE COURSE
REL STD		Conversion	. ,	NO COURSE ARTICULATED: College has not
1122 212		00117 012 1011	(-)	submitted course(s) for articulation
REL STD	1 E	Fundamentalism	(4)	NO COURSE ARTICULATED: College has not
KEE DID		1 dilddileifed 115iii	(-)	submitted course(s) for articulation
REL STD	1 ជ	Religion Today	(4)	NO COURSE ARTICULATED: College has not
KEL SID	TT	Religion loday	(1)	submitted course(s) for articulation
REL STD	1.0	Myth Ritual Symbol	(4)	NO COMPARABLE COURSE
REL STD		Sex, Marriage, Divorce		NO COURSE ARTICULATED: College has not
KEL SID	тп	Sex, Mailiage, Divoice	(+)	submitted course(s)for articulation
REL STD	1 т	Music, Voice, Word	(1)	NO COURSE ARTICULATED: College has not
KEL SID	IU	Music, Voice, Word	(+)	submitted course(s)for articulation
				submitted course(s) for articulation
		FOUR COURSES FI	ROM '	THE FOLLOWING:
REL STD	10	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
		Issues		submitted course(s) for articulation
REL STD	10A	Contemporary Ethical	(2)	NO COURSE ARTICULATED: College has not
		Issues		submitted course(s) for articulation
REL STD	11	Ethical Eating	(4)	NO COURSE ARTICULATED: College has not
		5	. ,	submitted course(s) for articulation
REL STD	12	Emergence Abrahamic	(4)	NO COURSE ARTICULATED:College has not
		Religions	` ,	submitted course(s)for articulation
REL STD	21	Hebrew Scriptures	(4)	NO COMPARABLE COURSE
		tle = The Bible	(-)	110 00111111111111111111111111111111111
REL STD		Intro Judaism	(4)	NO COMPARABLE COURSE
REL STD		South Asian Religions		NO COURSE ARTICULATED: College has not
1122 212		204011 1121411 11011310112	(-)	submitted course(s) for articulation
REL STD	40	New Testament	(4)	NO COMPARABLE COURSE
REL STD		Religion and Sci		NO COURSE ARTICULATED: College has not
1122 212		Fiction	(-)	submitted course(s) for articulation
REL STD	45	Christianity	(4)	NO COURSE ARTICULATED: College has not
1122 212			(-)	submitted course(s) for articulation
REL STD	60	Introduction to Islam	(4)	NO COMPARABLE COURSE
REL STD		The Qur'an and Its		NO COURSE ARTICULATED: College has not
KEE DID	030	Interpretation	(-)	submitted course(s) for articulation
REL STD	67	Modern Hinduism	(4)	NO COURSE ARTICULATED: College has not
KEE DID	0 7	nodelli ililiadibiii	(-)	submitted course(s)for articulation
REL STD	68	Hinduism	(4)	NO COURSE ARTICULATED: College has not
KEL SID	00	IIIIIdaisii	(1)	submitted course(s) for articulation
REL STD	69	Intro Hindu Mythology	(4)	NO COURSE ARTICULATED: College has not
KEL SID	0,5	inclo minau mychology	(1)	submitted course(s)for articulation
REL STD	70	Religion and Language	(4)	NO COURSE ARTICULATED: College has not
KEL SID	70	Religion and Danguage	(=)	submitted course(s) for articulation
REL STD	75	Introduction to Chinese	(1)	1
VET SID	15	Philosophy	(+)	COMPARABLE COURSE
REL STD	Ω Ω	Religion, Gender, Sex	(1)	 NO COURSE ARTICULATED: College has not
KET SID	00	Kerrgrout, Gender, Sex	(+)	•
				submitted course(s) for articulation

RECOMMENDED:

A reading knowledge of a foreign language is highly recommended. $\ensuremath{\mathtt{END}}$ OF MAJOR

====Russian A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students

complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

Students with only one year or less of Russian at the community college level should consult with an advisor in the Russian Department at UC Davis before continuing on with the Russian series.

RUSSIAN 1	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 2	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 3	Elementary Russian	(5) NO	COMPARABLE	COURSE
RUSSIAN 4	Intermed Russian	(4) NO	COMPARABLE	COURSE
RUSSIAN 5	Intermed Russian	(4) NO	COMPARABLE	COURSE
RUSSIAN 6	Intermed Russian	(4) NO	COMPARABLE	COURSE
END OF MAJOR		·		

====Science & Technology Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details

see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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SCI&TEC 1	Intro Sci & Tech Std	(4) NO COMPARABLE COURSE
SCI&TEC 20	Sci & Tec Std Methods	(4) NO COMPARABLE COURSE

8 QUARTER UNITS FROM THE FOLLOWING:

AMR STD 1A	Science and American	(4)	NO COMPARABLE COURSE
	Culture		
AMR STD 1E	Nat&Cult Amr	(4)	NO COMPARABLE COURSE
AMR STD 5	Tech in Amr Lives	(4)	NO COMPARABLE COURSE
ENV S&P 1	Env Analysis	(4)	NO COMPARABLE COURSE
HUMAN 3	Medicine & Humanities	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
PHILOS 30	Intro Philos of Sci	(4)	NO COMPARABLE COURSE
PHILOS 31	Scientific Reason	(4)	NO COMPARABLE COURSE
PHILOS 32	Scientific Change	(4)	NO COMPARABLE COURSE
SCI&SOC 1	Critical Inquiry into	(4)	NO COMPARABLE COURSE
	Contemporary Issues		
SCI&SOC 2	Feeding the Planet	(3)	NO COMPARABLE COURSE
SCI&SOC 3	Sci,Tech&Society	(4)	NO COMPARABLE COURSE
SCI&SOC 5	Discovery:Sci & Soc	(3)	NO COMPARABLE COURSE
SCI&TEC 32	Drugs, Science and	(4)	NO COURSE ARTICULATED: College has not

Culture 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.====

Special Advising Note:

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______ Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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.

(5) SOCI 101 Introduction to Sociology (3)

SOCIOL 46A	Intro Social Rsch	(4)	:
	AND Intro Social Rsch	(5)	AND NO COMPARABLE COURSE
	ONE COURSE FRO	OM T	HE FOLLOWING:
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	-		SOCI 207 Social Problems (3)
SOCIOL 4			NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and Employment	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 25		(4)	NO COMPARABLE COURSE
			NO COURSE ARTICULATED: College has not
		(-)	submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ONE COURSE FRO	 OM T	HE FOLLOWING:
A ATTITUTE OF O	Cultural Authors - 1	(1 \	ANTINO 102 C-1+1 (2)
ANTHRO 2	Cultural Anthropology	(4)	ANTHRO 103 Cultural (3)
As of W17,	unita-5		Anthropology
AS OI WIT,	OR		OR
ANTHRO 20	Comparative Cultures	(4)	I
	ONE COURSE FRO)M 1.	HE FOLLOWING:
HISTORY 4A	Western Civ	(4)	HIST 101 History of Western (3)
HISTORY 4A	Western Civ	(4)	HIST 101 History of Western (3) Civilization: The
HISTORY 4A	Western Civ	(4)	Civilization: The
			Civilization: The Pre-Industrial West
			Civilization: The
			Civilization: The Pre-Industrial West HIST 101 & History of Western (3)
			Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West
			Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West
			Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3)
		(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The
HISTORY 4B	Western Civ	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era
HISTORY 4B	Western Civ	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3)
HISTORY 4B	Western Civ	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The
HISTORY 4B	Western Civ	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era
HISTORY 4B	Western Civ	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not
HISTORY 4B HISTORY 4C HISTORY 6	Western Civ Western Civ Intro to Middle East	(4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4B HISTORY 4C HISTORY 6	Western Civ Western Civ Intro to Middle East	(4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A	Western Civ Western Civ Intro to Middle East Latin America to 1700	(4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A	Western Civ Western Civ Intro to Middle East Latin America to 1700	(4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era HOC COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not
HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A HISTORY 7B	Western Civ Western Civ Intro to Middle East Latin America to 1700 Latin America 1700-1900 Latin America 1900-Present	(4) (4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
HISTORY 4B HISTORY 4C HISTORY 7A HISTORY 7B HISTORY 7C HISTORY 8	Western Civ Western Civ Intro to Middle East Latin America to 1700 Latin America 1700-1900 Latin America 1900-Present Indian Civilization	(4) (4) (4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE
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HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A HISTORY 7C HISTORY 7C HISTORY 9A HISTORY 9B HISTORY 10C HISTORY 15	Western Civ Western Civ Intro to Middle East Latin America to 1700 Latin America 1700-1900 Latin America 1700-1900 Latin America 1900-Present Indian Civilization East Asian Civ East Asian Civ World History III Intro African Hist ontinued as of S18	(4) (4) (4) (4) (4) (4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE
HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A HISTORY 7C HISTORY 7C HISTORY 9B HISTORY 9B HISTORY 10C HISTORY 15 Course disc HISTORY 17A	Western Civ Western Civ Intro to Middle East Latin America to 1700 Latin America 1700-1900 Latin America 1700-1900 Latin America 1700-1900 Latin America 1700-1910 East Asian Civ East Asian Civ World History III Intro African Hist ontinued as of S18 U.S. History	(4) (4) (4) (4) (4) (4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE HIST 111 United States History (3) I
HISTORY 4B HISTORY 4C HISTORY 6 HISTORY 7A HISTORY 7C HISTORY 7C HISTORY 9B HISTORY 9B HISTORY 10 C HISTORY 15 Course disc	Western Civ Western Civ Intro to Middle East Latin America to 1700 Latin America 1700-1900 Latin America 1700-1900 Latin America 1700-1900 Latin America 1700-1910 East Asian Civ East Asian Civ World History III Intro African Hist Ontinued as of S18 U.S. History	(4) (4) (4) (4) (4) (4) (4) (4) (4)	Civilization: The Pre-Industrial West HIST 101 & History of Western (3) Civilization: The Pre-Industrial West HIST 102 History of Western (3) Civilization: The Modern Era HIST 102 History of Western (3) Civilization: The Modern Era NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE NO COMPARABLE COURSE

PHILOS 5	Critical Reasoning	(4) PHILOS 106	Critical Reasoning	(3)
PHILOS 14	Eth Soc Prob in Soc	(4) PHILOS 240	Contemporary Moral	(3)
			Problems	
PHILOS 24	Intro to Ethics	(4) PHILOS 120	Introduction to Ethics	(3)

END OF MAJOR

====Sociology A.B. (Comparative Studies and World Development)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. ______

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5) SOCI 101	Introduction to	(3)
			Sociology	

SOCIOL 5	Global Soc Change	(4) NO COURSE ARTICULATED: College has not submitted course(s) for articulation
SOCIOL 46A	Intro Social Rsch AND	(4) NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5) NO COMPARABLE COURSE
ECON 1B	Princ of Macroecon	(4) ECON 201 Macroeconomics (3)
ANTHRO 2	Cultural Anthropology	(4) ANTHRO 103 Cultural (3) Anthropology
As of W17,		
	OR	OR
ANTHRO 20	Comparative Cultures	(4) NO COMPARABLE COURSE
HISTORY 10C	World History III OR	(4) NO COMPARABLE COURSE
POL SCI 2	Intro Comp Politics	(4) POLISC 250 Comparative (3) Government and Politics

Course work in one modern foreign language at the two-year level, or provide proof of proficiency (27-30 quarter units).

END OF MAJOR

====Sociology A.B. (Law & Society)====

Special Advising Note:

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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 Internationa	l Baccalaureate (IB) Examination Note:
------------------------------------------	----------------------------------------

AP and IB examina	tion credit	policies and	re detail	.ed in	the UC	Davis	2016-18
General Catalog .	Quick refer	ence charts	s for AP	and IE	are a	lso	
available from ou	ır TAG websit	.e.			_		

	rom our TAG website.	its for AP and 1B are also	
	Intro Sociology	(5) SOCI 101 Introduction to Sociology	(3)
SOCIOL 3	Social Problems OR	(4) SOCI 207 Social Problems OR	(3)
SOCIOL 4	Immigrtn & Opprtnty OR	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulation	
		(4) NO COURSE ARTICULATED: College has submitted course(s) for articulation	
	Intro Social Rsch AND		
	Intro Social Rsch	(5) NO COMPARABLE COURSE	
		FROM THE FOLLOWING:	
	Cultural Anthropology	(4) ANTHRO 103 Cultural Anthropology	(3)
As of W17,	Comparative Cultures	(4) NO COMPARABLE COURSE	
POL SCI 1	Amer Natl Govt	(4) POLISC 150 Introduction to American Government and Politics	(3)
POL SCI 3	Internatl Relations	(4) POLISC 270 International Relations	(3)
POL SCI 7	Bas Cnpt/Pol Thry Law & Politics	(4) POLISC 230 Political Theory (4) NO COMPARABLE COURSE	(3)
		FROM THE FOLLOWING:	
HISTORY 4A	Western Civ	(4) HIST 101 History of Western Civilization: The Pre-Industrial West	(3)
HISTORY 4B	Western Civ	(4) HIST 101 & History of Western Civilization: The Pre-Industrial West	(3)
		I TO THOUSELTAL WEST	

HISTORY	4A	Western Civ	(4)	HIST 1	101	History of Western	(3)
						Civilization: The	
						Pre-Industrial West	
HISTORY	4B	Western Civ	(4)	HIST 1	101 <u>&</u>	History of Western	(3)
						Civilization: The	
						Pre-Industrial West	
			İ	HIST 1	102	History of Western	(3)
						Civilization: The	
						Modern Era	
HISTORY	4C	Western Civ	(4)	HIST 1	102	History of Western	(3)
			j			Civilization: The	
			j			Modern Era	
HISTORY	6	Intro to Middle East	(4)	NO COU	JRSE	ARTICULATED: College has	not
			İ	submit	tted	course(s) for articulation	on
HISTORY	7A	Latin America to 1700	(4)	NO COU	JRSE	ARTICULATED: College has	not
			j	submit	tted	course(s) for articulation	on

HISTORY 7B	Latin America 1700-1900	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
HISTORY 7C	Latin America	(4)	NO COURSE ARTICULATED: College has not
	1900-Present		submitted course(s) for articulation
HISTORY 8	Indian Civilization	(4)	NO COMPARABLE COURSE
HISTORY 9A	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 9B	East Asian Civ	(4)	NO COMPARABLE COURSE
HISTORY 10C	World History III	(4)	NO COMPARABLE COURSE
HISTORY 15	Intro African Hist	(4)	NO COMPARABLE COURSE
Course disco	ntinued as of S18		1
HISTORY 17A	U.S. History	(4)	HIST 111 United States History (3)
-		, ,	I I
HISTORY 17B	U.S. History	(4)	HIST 112 United States History (3)
	1	` ,	II
PHILOS 5	Critical Reasoning	(4)	PHILOS 106
	OR	. ,	OR
PHILOS 14	Eth Soc Prob in Soc	(4)	PHILOS 240 Contemporary Moral (3)
		` '	Problems
	OR		OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 120 Introduction to (3)
1111100 21		(- /	Ethics
			I ECHILOD

END OF MAJOR

====Sociology A.B. (Social Services)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit $\frac{\text{http:}//\text{tag.ucdavis.edu}}{\text{http:}}$ 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.

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See

http://llc.ucdavis.edu/foreign-language-placement-exams
UC Davis College Dean's Office or the Biology Academic Success Center for more
information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

SOCIOL 1	Intro Sociology	(5)	SOC 	CI 101	Introduction to Sociology	(3)
SOCIOL 2	Self and Society OR	(4)	NO	COMPARAB	LE COURSE OR	
SOCIOL 3	Social Problems	(4)	soc	CI 207	Social Problems	(3)
SOCIOL 46A	Intro Social Rsch AND	(4)	NO 	COMPARAB	LE COURSE AND	
SOCIOL 46B	Intro Social Rsch	(5)	МО	COMPARAB	LE COURSE	
PSYCH 1	General Psychology	(4)	 PSY 	CH 101	Introduction to Psychology	(3)
			PSY	<u>ок</u> /СН 101Н	Introduction to Psychology - Honors	(3)
	6-8 QUARTER UNI	TS F	ROM	THE FOLL	OWING:	
AF-AMST 10	Af-Am Culture & Soc	(4)	NO	COMPARAB	LE COURSE	
AF-AMST 15	Intro Afro Amer Hum	(4)	NO	COMPARAB	LE COURSE	
A A STD 1	Hist Exp Asian Am	(4)	NO	COMPARAB	LE COURSE	
A A STD 2	Contemp Issues of Asian	(4)	NO	COMPARAB	LE COURSE	

AF-AMST 15	Intro Afro Amer Hum	(4)	NO COMPARABLE COURSE
A A STD 1	Hist Exp Asian Am	(4)	NO COMPARABLE COURSE
A A STD 2	Contemp Issues of Asian	(4)	NO COMPARABLE COURSE
	Americans		
CHICANO 10	Intro to Chic Std	(4)	NO COMPARABLE COURSE
CHICANO 50	Chicano Culture	(4)	NO COMPARABLE COURSE
N A STD 1	Intro NA Studies	(4)	NO COMPARABLE COURSE
N A STD 10	NA Experience	(4)	NO COMPARABLE COURSE
SOCIOL 4	Immigrtn & Opprtnty	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not

END OF MAJOR

====Sociology-Organizational Studies A.B.====

|submitted course(s) for articulation

Special Advising Note:

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recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

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SOCIOL 1	Intro Sociology	(5)	SOCI 101 Introduction to (3) Sociology
	AND		AND
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 4	5	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
_	OR		OR
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
	OR		OR
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCTOL 46A	Intro Social Rsch	(4)	NO COMPARABLE COURSE
BOCTOT 1011	AND	(- /	AND
COCTOT 16D	Intro Social Rsch	(5)	NO COMPARABLE COURSE
SOCIOL 40B	Incro Social RSch	(3)	INO COMPARABLE COORSE
ECON 1A	Duing of Migneson	(4)	EGON 202 Migros conomics (2)
ECON IA	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
	AND		AND
ECON 1B	Princ of Macroecon	(4)	ECON 201 Macroeconomics (3)

====Spanish A.B.====

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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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.

______ SPANISH 1 Elementary Spanish (5) | SPAN 101 Elementary Spanish I (4) SPANISH 2 Elementary Spanish (5) SPAN 101 & Elementary Spanish I | SPAN 102 | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Intm Spanish (5) | SPAN 201 5 | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Spanish II (4) | Elementary Sp SPANISH 3 SPANISH 21 (5) SPAN 201 & Intermediate Spanish I (4) Intm Spanish |SPAN 202 Intermediate Spanish (4) ΙI SPANISH 22 Intm Spanish (5) | SPAN 201 & Intermediate Spanish I (4) | SPAN 202 Intermediate Spanish (4) ΙI (4) SPAN 201 & Intermediate Spanish I (4) SPAN 202 Intermediate Spanish (4) SPANISH 23 Span Comp I

									1.	L
SPANISH	24	Spar	n Comp	o II			(4)	NO	COMPARABLE	COURSE
			OR							OR
SPANISH	31	Int	Span	Nat	Spk	I	(5)	NO	COMPARABLE	COURSE
SPANISH	32	Int	Span	Nat	Spk	II	(5)	NO	COMPARABLE	COURSE
SPANISH	33	Int	Span	Nat	Spk	III	(5)	NO	COMPARABLE	COURSE

It is recommended that transfer students who have successfully completed a two-year sequence at the junior college level comparable to UC Davis Spanish 1 through 22 continue their study at UC Davis by taking Spanish 23. When available at the community college students are encouraged to complete courses comparable to Spanish 23 and 24. Students should consult a Spanish Department advisor at UC Davis upon enrollment.

LINGUIS 1 Intro Linguistics (4) NO COMPARABLE COURSE

END OF MAJOR

====Statistics A.B.====

Special Advising Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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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MATH 16A	Short Calculus	(3)	MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus II	(5)
MATH 16C	Short Calculus	(3)	MATH 212	Calculus II	(5)
	OR	. ,	İ	OR	, ,
MATH 17A	Calculus for BioSci	(4)	I .	ARTICULATED: College has course(s) for articulation	
MATH 17B	Calculus for Biosci	(4)	!	ARTICULATED: College has	
111111 1/2	00100100 101 510501	(- /	!	course(s) for articulation	
MATH 17C	Calculus for BioSci	(4)		ARTICULATED: College has	-
111111 170	00100100 101 510501	(- /	!	course(s) for articulation	
	OR			OR	011
MATH 21A	Calculus	(4)	MATH 211	Calculus I	(5)
MATH 21B	Calculus		!	Calculus II	(5)
MATH 21C			Į.	Calculus III	(5)
MATH 22A	Linear Algebra	(3)	MATH 214	Linear Algebra	(3)
ENG CS 10		(4)	NO COMPARA		
	OR		ļ	OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI 111		(3)
				Computer Algorithms	
				and Programming/JAVA	
			<u>OR</u>		
			CMPSCI 235	C Programming	(3)
As of F1	8, Course Number = ENG CS	36A			
	OR		ļ	OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI 236	-	(3)
	O Garage March and TING CG	265		Programming	

As of F18, Course Number = ENG CS 36B

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

STATIST 32 Stat Anlys Thru Comp (4) | NO COMPARABLE COURSE
As of F18, title = Gateway to Data Science

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis <u>transfer admission website</u>. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

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.

Short Calculus	(3)	MATH 211	Calculus I	(5)
Short Calculus	(3)	MATH 212	Calculus II	(5)
Short Calculus	(3)	MATH 212	Calculus II	(5)
OR			OR	
Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Col	lege has not
		submitted	course(s) for ar	ticulation
Calculus for Biosci	(4)	NO COURSE	ARTICULATED: Col	lege has not
		submitted	course(s) for ar	ticulation
Calculus for BioSci	(4)	NO COURSE	ARTICULATED: Col	lege has not
		submitted	course(s) for ar	ticulation
OR			OR	
Calculus	(4)	MATH 211	Calculus I	(5)
Calculus	(4)	MATH 212	Calculus II	(5)
Calculus	(4)	MATH 213	Calculus III	(5)
	Short Calculus Short Calculus OR Calculus for BioSci Calculus for BioSci Calculus for BioSci OR Calculus Calculus	Short Calculus (3) Short Calculus (3) OR Calculus for BioSci (4) Calculus for BioSci (4) Calculus for BioSci (4) Calculus for BioSci (4) Calculus for Calculus (4)	Short Calculus Short Calculus OR Calculus for BioSci Calculus for Biosci Calculus for Biosci Calculus for Biosci Calculus for Biosci Calculus for Calculus OR Calculus OR Calculus (4) NO COURSE Submitted Submitted Submitted (4) NO COURSE Submitted (4) NO COURSE Submitted OR (4) NATH 211 Calculus (4) MATH 212	Short Calculus (3) MATH 212 Calculus II Short Calculus (3) MATH 212 Calculus II OR Calculus for BioSci (4) NO COURSE ARTICULATED: Col submitted course(s) for ar Calculus for BioSci (4) NO COURSE ARTICULATED: Col submitted course(s) for ar Calculus for BioSci (4) NO COURSE ARTICULATED: Col submitted course(s) for ar Calculus for BioSci (4) NO COURSE ARTICULATED: Col submitted course(s) for ar OR Calculus (4) MATH 211 Calculus I Calculus II

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED

MATH 22A	Linear Algebra	(3)	MATH 2	L4 L	inear Algebra	(3)
ENG CS 10	Intro to Programming OR	(4)	NO COMI	PARABLE	COURSE OR	
ENG CS 30	Programming&Prob Solving	(4)	CMPSCI	111	Introduction to Computer Algorithms and Programming/JAVA	(3)
As of F1	8, Course Number = ENG CS	36A	<u>OR</u> CMPSCI	235	C Programming	(3)
	OR				OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4)	CMPSCI	236	C++ Object Oriented	(3)

Programming

As of F18, Course Number = ENG CS 36B

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

) NO COMPARABL	E COURSE	
) MATH 140	Introductory	(4)
	Statistics	
OR		
MATH 140H	Introductory	(4)
	Statistics - Honors	
OR		
PSYCH 104	Statistics for the	(3)
	Behavioral Sciences	
) NO COMPARABL	E COURSE	
ice		
1	OR MATH 140 OR MATH 140H OR PSYCH 104	MATH 140 Introductory Statistics OR MATH 140H Introductory Statistics - Honors OR PSYCH 104 Statistics for the Behavioral Sciences NO COMPARABLE COURSE

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====Statistics B.S. (Computational Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also

MATH 21A MATH 21B	Calculus Calculus	(4) MATH 211 (4) MATH 212	Calculus I Calculus II	(5) (5)
MATH 216	Calculus	(4) MATH 212 (4) MATH 213	Calculus III	(5)
MATH 21D MATH 22A	Vector Analysis Linear Algebra	(4) MATH 213 (3) MATH 214	Calculus III Linear Algebra	(5)
MAIH 22A		(3) MAIH 214		(3)
ENG CS 60	Data Structures & Programming	(4) CMPSCI 282	Advanced Data Structures	(3)

As of F18, Course Number = ENG CS 36C

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Pro	obabil (4)	NO COI	MPARABLE	E COURSE		
STATIST 13	Elementary S	Statistics (4)	MATH :	140	Introductor	ΣΥ	(4)
Same as	: STATIST 13Y				Statistics		
			01	R			
			MATH :	140H	Introductor	ΣΥ	(4)
					Statistics	- Honors	
			01	R			
			PSYCH	104	Statistics	for the	(3)
					Behavioral	Sciences	
STATIST 32	Stat Anlys T	Thru Comp (4)	NO COI	MPARABLE	E COURSE		
As of F18,	title = Gateway	to Data Scienc	е				

END OF MAJOR

====Statistics B.S. (General Statistics Option)==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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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Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See

additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

MATH 21A MATH 21B MATH 21C MATH 21D	Calculus Calculus Calculus Vector Analysis	(4)		212 213	Calcul Calcul Calcul Calcul	us II us III		(5) (5) (5) (5)
MATH 22A	Linear Algebra OR	(3)	 MATH 	 214	Linear	 Algebi OR	 ca	(3)
MATH 67	Modern Linear Algebra	(4)	•				ollege has articulati	
MATH 25	Advanced Calculus	(4)					ollege has articulati	
ENG CS 10	Intro to Programming OR	(4)	NO CO	MPARA		SE OR		
ENG CS 30	Programming&Prob Solving	(4)	<u> </u> 		Comp	uter A	on to lgorithms mming/JAVA	(3)
As of F	18, Course Number = ENG CS :	36A	<u>O</u>	_	5 C Pr	ogramm	ing	(3)
ENG CS 40	OR Sftwr/Obj-Orien:C++	(4)	 CMPSC 	I 236	C++	OR Object ramming	Oriented	(3)

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language

As of F18, Course Number = ENG CS 36B

deficiencies.

AND ONE COURSE FROM

STATIST 12	Discrete Pr	obabil	(4)	NO COMPARA	ABLE COURSE	
STATIST 13	Elementary	Statistics	(4)	MATH 140	Introductory	(4)
Same as:	STATIST 13Y				Statistics	
				OR		
				MATH 140H	Introductory	(4)
					Statistics - Honors	
				OR		
				PSYCH 104	Statistics for the	(3)
					Behavioral Sciences	
STATIST 32	Stat Anlys	Thru Comp	(4)	NO COMPARA	ABLE COURSE	
As of F18, t	title = Gatewa	y to Data	Science	2		

Articulation Guide by Major Effective during the 17-18 Academic Year

====Statistics B.S. (Statistical Data Science Track)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

MATH 21A	Calculus	(4) MATH 211	Calculus I	(5)
MATH 21B	Calculus	(4) MATH 212	Calculus II	(5)
MATH 21C	Calculus	(4) MATH 213	Calculus III	(5)
MATH 21D	Vector Analysis	(4) MATH 213	Calculus III	(5)
MATH 22A	Linear Algebra	(3) MATH 214	Linear Algebra	(3)
ENG CS 10	Intro to Programming	(4) NO COMPARA	BLE COURSE	
	OR		OR	
ENG CS 30	Programming&Prob Solving	(4) CMPSCI 111	Introduction to	(3)
		İ	Computer Algorithms	
		İ	and Programming/JAV	A
		OR		
		CMPSCI 235	C Programming	(3)
As of F1	8, Course Number = ENG CS :	36A		
	OR		OR	
ENG CS 40	Sftwr/Obj-Orien:C++	(4) CMPSCI 236	C++ Object Oriented	(3)

As of F18, Course Number = ENG CS 36B	
STATIST 13 Elementary Statistics (4) Same as: STATIST 13Y	MATH 140 Introductory (4) Statistics OR
	MATH 140H Introductory (4) Statistics - Honors
	OR PSYCH 104 Statistics for the (3)
OR	Behavioral Sciences OR
STATIST 32 Stat Anlys Thru Comp (4) As of F18, title = Gateway to Data Science	I .

Programming

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 <a href="https://doi.org/10.1001/journal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal-normal

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 $\frac{\text{http://tag.ucdavis.edu}}{\text{http://tag.ucdavis.edu}} \text{ for details regarding UC Davis TAG.}$

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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:

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 Discount (AD) and Intermediated Description (ID) Examination Note:

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.

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of (3) Public Speaking
			<u>OR</u> COMS 105H 	Fundamentals in (3) Public Speaking- Honors
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 OR	(2)	1	ARTICULATED: College has not course(s)for articulation OR
PL SCI 49	Org Crop Prod Prac	(3)	1	ARTICULATED: College has not course(s) for articulation
	Select one of the	foll	owing cour	ses:
AN SCI 41L	Domest An Prod Lab	(2)	1	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)	!	ARTICULATED: College has not

AN SCI 49D AN SCI 49E AN SCI 49F AN SCI 49G AN SCI 49H AN SCI 49I AN SCI 49J AN SCI 49J ABIOSYT 49 ABIOSYT 52	Animal Prac/Meats Animal Prac/Poultry Animal Prac/Sheep Animal Prac/Swine Fld Equip Oper OR Field Equip Welding	(2) (2) (2) (2) (2) (2) (2) (2)	submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE ARTICULATED: College has not submitted course(s)for articulation NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURSE NO COURS
	PLUS CHOOSE ONE OF	THE	FOLLOWING THREE TRACKS:
MATH 16A	TRACK I: AGRICUI Short Calculus		
MATH 16B	Short Calculus		MATH 212 Calculus II (5)
	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6) OR CHEM 201H General Chemistry I - (6)
CHEM 2B	Genl Chemistry	(5)	Honors CHEM 201 & General Chemistry I (6) CHEM 202 General Chemistry II (5)
PHYSICS 1A	Principles Physics	(3)	
BIOLSCI 2A	Intro Biology:Life on Earth		BIOSCI 107 Molecular and (4) Cellular Biology OR
	& Evolution	(5)	OR BIOSCI 107H Molecular and (4) Cellular Biology - Honors BIOSCI 106 Organismal and (4) Environmental Biology
PL SCI 2	Bot Physio Cul Plt	(4)	
	Domest Ani & People OR		
	Intro Animal Sci		NO COMPARABLE COURSE
FD S&T 1	Food Sci Principles	(3)	
ECON 1A	Princ of Microecon	(4)	ECON 202 Microeconomics (3)
CM&RGDE 1	The Community	(4)	
			PHILOS 240 Contemporary Moral (3) Problems
PHILOS 15	OR Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR

PHILOS 24	Intro to Ethics	(4)		Introduction to Ethics	
ANTHRO 2	Cultural Anthropology	(4)			(3)
As of W17,			1		
POL SCI 4	OR Bas Cnpt/Pol Thry OR	(4)	 POLISC 230 	OR Political Theory OR	(3)
SOCIOL 1	Intro Sociology	(5)	S	ntroduction to ociology	(3)
SOCIOL 3	OR Social Problems	(4)		OR ocial Problems	(3)
PHILOS 5	TRACK II: FO Critical Reasoning	-		Critical Reasoning	(3)
	OR			OR	
	Scientific Reason				
PHILOS 14	Eth Soc Prob in Soc	(4)	•	Problems	(3)
PHILOS 15	OR Intro to Bioethics OR	(4)	 NO COMPARABLE 	OR COURSE OR	
PHILOS 24	Intro to Ethics	(4)			(3)
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE		
	OR Elementary Statistics STATIST 13Y	(4)		OR Introductory Statistics	(4)
			OR 1 4 0 0 1	1 .	(4)
				Introductory Statistics - Honors	(4)
				Statistics for the Behavioral Sciences	(3)
CHEM 2A	Genl Chemistry	(5)	<u> </u>	General Chemistry I	(6)
			:	General Chemistry I - Honors	(6)
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOSCI 107		(4)
	Earth		OR	Cellular Biology	
	OR		BIOSCI 107H	Molecular and Cellular Biology - Honors OR	(4)
BIOLSCI 10	Everyday Biology	(4)	 BIOSCI 100 OR		(4)
			BIOSCI 100H	General Biology - Honors	(4)
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABLE	COURSE	
	Intro Biology: Ecology & Evolution		BIOSCI 106	Organismal and Environmental Biology	
ENV S&P 1	OR Env Analysis	(4)	 NO COMPARABLE	OR COURSE	

ENV S&P 30 Gl Same as: ENV	OR Obal Ecosystem SC&M 30	(3)	 NO COMPARABI	OR LE COURSE	
	OR .ldl Ecol Conserve	(4)	 NO COMPARABI		
W&F BIO 51 Ir	ology		submitted co	OR RTICULATED: College ha ourse(s) for articulat	s not ion
FD S&T 1 Food	l Sci Principles	(3)	NO COMPARABI		
SOILSCI 10 So	oils in Our nvironment	(3)	NO COMPARABI		
ECON 1A Princ		(4)	ECON 202	Microeconomics	
POL SCI 4 Bas				Political Theory	(3)
ANTHRO 2 Cult	cural Anthropology	(4)		Cultural Anthropology	(3)
As of W17, units	OR		1	OR	
SOCIOL 1 Intr	co Sociology OR	(5)	SOCI 101	Introduction to Sociology OR	(3)
				Social Problems	
CM&RGDE 1 The	Community nicity Amer Comm	(4)	NO COMPARABI	LE COURSE	
MATH 16A Shor	TRACK III: ECC	(3)	MATH 211		(5)
	tro Social Rsch				
	OR Lementary Statistics CIST 13Y		 MATH 140 	OR Introductory Statistics	(4)
			<u>OR</u> MATH 140H 	Introductory Statistics - Honors	(4)
			<u>OR</u> PSYCH 104 	Statistics for the Behavioral Sciences	(3)
CHEM 2A Genl	Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
			<u>OK</u> CHEM 201H 	General Chemistry I Honors	- (6)
	ntro Biology:Life on arth	(5)	BIOSCI 107 OR	Molecular and Cellular Biology	(4)
			<u>OR</u> BIOSCI 107H	Molecular and Cellular Biology -	(4)
	OR		 	Honors OR	
	OR veryday Biology	(4)	 BIOSCI 100 OR	Honors	(4)

	Bot Physio Cul Plt	(4)	NO COMPARABLE COURSE
			BIOSCI 106 Organismal and (4) Environmental Biology OR
ENV S&P 1	Env Analysis OR	(4)	NO COMPARABLE COURSE OR
	Global Ecosystem ENV SC&M 30 OR	(3)	NO COMPARABLE COURSE OR
W&F BIO 10		(4)	j
W&F BIO 51	Intro to Conservation Biology	(3)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
FD S&T 1	Food Sci Principles	(3)	NO COMPARABLE COURSE
SOILSCI 10	Soils in Our Environment		NO COMPARABLE COURSE
ECON 1A ECON 1B	Princ of Microecon Princ of Macroecon		ECON 202 Microeconomics (3) ECON 201 Macroeconomics (3)
			POLISC 230 Political Theory (3)
	Cultural Anthropology		
As of W17,	units=5 OR		OR
SOCIOL 1	Intro Sociology	(5)	SOCI 101 Introduction to (3) Sociology
	OR Social Problems	(4)	OR SOCI 207 Social Problems (3)
	The Community	(4)	NO COMPARABLE COURSE
	Eth Soc Prob in Soc		PHILOS 240 Contemporary Moral (3) Problems
PHILOS 15	OR Intro to Bioethics OR	(4)	OR NO COMPARABLE COURSE OR
PHILOS 24	Intro to Ethics	(4)	PHILOS 120 Introduction to (3) Ethics

END OF MAJOR

====Sustainable Environmental Design B.S.====

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. For details see the UC Davis transfer admission website. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

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CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

Advanced Placement (AP) and international Baccalaureate (1B) 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.

COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
			OR	rabire becaming	
			COMS 105H	Fundamentals in	(3)
				Public Speaking-	. ,
			İ	Honors	
		(4)	LNO GOUDGE	**************************************	
ENGLISH 3	Intro to Lit	(4)	•	ARTICULATED: College has	
	OR		submitted	course(s)for articulatio	n
UWRITING 1	Expository Writing	(4)	ENGL 101		(3)
	<u>-</u>	(- /	OR		(-,
			ENGL 101H	Honors - English	(4)
				Composition	
	OR			OR	
e) UWRITING	18 Style in the Essay	(4)	ENGL 103		(3)
7~ af E17	Course Number - III/DITTIN	ra 40		Writing and Thinking	
AS OI FI/	, Course Number = UWRITIN	IG 40	1	OR	
e) UWRITING	19 Wrtg Research	(4)	ENGL 103	_	(3)
-,	Papers	, ,		Writing and Thinking	(- /
As of F17	, Course Number = UWRITIN	rg 49			
BIOLSCI 2A	Intro Biology:Life on	(5)	BIOSCI 107		(4)
	Earth		0.7	Cellular Biology	
			<u>OR</u> BIOSCI 107	H Molecular and	(4)
			DIUSCI IU/	Cellular Biology -	(4)
				Honors	
BIOLSCI 2B	Intro Biology: Ecology	(5)	BIOSCI 106		(4)
	& Evolution			Environmental	
				Biology	
	ONE COURSE FR	OM T	 HE FOLLOWIN		
STATIST 10 STATIST 12	Statist Thinking Discrete Probabil				
STATIST 12 STATIST 13	Elementary Statistics		1		(1)
			!	Statistics	(4)
ballie as.	SIRIISI ISI		OR	Statistics	
				Introductory	(4)
				Statistics - Honors	
			OR		
			PSYCH 104	Statistics for the	(3)
CMAMTCM 20	Chat Amlera Elbara Cama	(1)	NO COMPADA	Behavioral Sciences	
	Stat Anlys Thru Comp itle = Gateway to Data Sc		1	BLE COUKSE	
	ONE COURSE FR	OM T	HE FOLLOWIN	G:	
ECON 1A P	rinc of Microecon	(4)	ECON 202	Microeconomics	(3)
ECON 1B P	rinc of Macroecon	(4)	ECON 201	Macroeconomics	(3)
	ONE COURSE FR	OM T	HE FOLLOWIN	G:	
POL SCI 1	Amer Natl Govt	(4)	POLISC 150	Introduction to	(3)
				American Government	
				and Politics	
POL SCI 2	Intro Comp Politics	(4)	POLISC 250		(3)
				Government and	
DOT. CCT 2	Internatl Relations	(1)	 DOI.TCG 270	Politics International	(3)
LOT PCT 2	INCELNACT VETACIONS	(+)	LEOTING 7/0	THEETHACTOHAT	(3)

			Relations
POL SCI 4	Bas Cnpt/Pol Thry	(1)	POLISC 230 Political Theory (3)
	1		
POL SCI 5	· 2		NO COMPARABLE COURSE
	Law & Politics		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
TOD BCT TID	TOTICICAL TCIBUABION	(1)	submitted course(s)for articulation
DOT COT 10%	Politics & Sports	(1)	NO COURSE ARTICULATED: College has not
POL SCI IZA	POTICICS & Sports	(4)	-
			submitted course(s)for articulation
	Data Visualization		NO COURSE ARTICULATED: College has not
		omit	ted course(s)for articulation
	IOL 12Y		
POL SCI 51	Scientific Study of	(4)	NO COURSE ARTICULATED: College has not
	Politics		submitted course(s) for articulation
			· · · · · · · · · · · · · · · · · · ·
	ONE COURSE FRO	M T	HE FOLLOWING:
SOCIOL 1	Intro Sociology	(5)	SOCI 101 Introduction to (3)
	51		Sociology
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
SOCIOL 3	Social Problems		SOCI 207 Social Problems (3)
SOCIOL 4			NO COURSE ARTICULATED: College has not
SUCTUL 4	Inmitgren & Opprency	(4)	
			submitted course(s) for articulation
SOCIOL 5	Global Soc Change	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
SOCIOL 11	Sociology of Labor and	(4)	NO COURSE ARTICULATED: College has not
	Employment		submitted course(s) for articulation
SOCIOL 25	Popular Culture	(4)	NO COMPARABLE COURSE
SOCIOL 30A	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
		(-)	submitted course(s) for articulation
SOCIOL 30B	Multicultural Societies	(3)	NO COURSE ARTICULATED: College has not
DOCTOR SOR	Marcicalcular Societies	(3)	submitted course(s) for articulation
COCTOT 467	Intro Cogial Dagh	(1)	
SOCIOL 46A			NO COMPARABLE COURSE
SOCIOL 46B	Intro Social Rsch	(5)	NO COMPARABLE COURSE
	AND ONE COURSE	S IN	A PHYSICAL SCIENCE
		T T O	WING COURSES.
TATE ADO 1	ALL OF THE FO		
LND ARC I	Intro Environ Design	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
LND ARC 2	Place, Culture, Community	(4)	NO COMPARABLE COURSE
LND ARC 3	Sustainable Development	(4)	NO COURSE ARTICULATED: College has not
			submitted course(s) for articulation
LND ARC 21	Design Visualization	(5)	NO COMPARABLE COURSE
As of F17, u		•	•
	itle = Land Rep I		
		(4)	NO COMPARABLE COURSE
TWD ADG EO	History Environ Design	(1)	NO COMPARABLE COURSE
TAD ADG 20			!
TND ARC /0		(5)	NO COMPARABLE COURSE
	Spacemaking		
As of F17, u	nits = 4		

END OF MAJOR

 $[\]rm e)$ If a student takes ENGL 103 at College of the Canyons, credit will be given for UC Davis's UWP 18 or 19, not both.

====Textiles and Clothing B.S. (Marketing/Economics)==== IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

PL SCI 21 Computers in Technology (3) NO COMPARABLE COURSE B) ENG CS 15 Intro to Computers (4) NO COMPARABLE COURSE OR ENG CS 30 Programming&Prob Solving (4) CMPSCI 111 Introduction to (3) Computer Algorithms and Programming/JAVA CMPSCI 235 C Programming

(3)

As of F18, Course Number = ENG CS 36A

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

______ ECON 1A Princ of Microecon (4) ECON 202 Microeconomics ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO	2	Cultural A	Anthropology	(4)	ANT: 	HRO	103		Cultural Anthropolo	ogy		(3)
As of	W17, ı	ınits=5										
		OR							OR			
SCI&SC	C 1	Critical	Inquiry into	(4)	NO (COME	ARAE	LE C	COURSE			
		Contempor	rary Issues		ĺ							
		OR			Ì				OR			
ARTHI	1A	Ancient Me	editerranean Art	(4)	ART	110)	Art	History:	Ancient	to	(3)
					ĺ			Medi	leval			
		OR			ĺ				OR			
ARTHI	1B	Mediev&Rer	naiss Art	(4)	ART	110	<u>&</u>	Art	History:	Ancient	to	(3)
					ĺ			Medi	leval			
					ART	111		Art	History:			(3)
					İ			Rena	aissance t	to Modern	ı	
		OR			ĺ				OR			
ARTHI	1C	Baroque to	o Modern Art	(4)	ART	111	-	Art	History:			(3)
					İ			Rena	aissance t	to Modern	ı	

ARTHI 1D	OR Arts of Asia	(4)	 NO COMPARABLE	OR COURSE	
	ALL OF THE F	OLLO	WING COURSES:		
PHYSICS 1A	Principles Physics OR	(3)	NO COMPARABLE	COURSE OR	
PHYSICS 10	· · · · · · · · · · · · · · · · · · ·	(4)	NO COMPARABLE	* = -	
PSYCH 1	General Psychology	(4)	PSYCH 101 OR	Introduction to Psychology	(3)
				Introduction to Psychology - Honors	(3)
SOCIOL 2	Self and Society	(4)	NO COMPARABLE	COURSE	
	Elementary Statistics STATIST 13Y	(4)	į	Introductory Statistics	(4)
				Introductory Statistics - Honors	(4)
				Statistics for the Behavioral Sciences	(3)
TEX&CL 6	Intro Textiles	(4)	 NO COMPARABLE	COURSE	
TEX&CL 7 TEX&CL 8	Style & Cult Std Textile Apparel Ind		NO COMPARABLE		
MGMT IIA	Elem Accounting	(4)	BUS 201 <u>&</u> Pr Ac	counting I	(5)
			BUS 202 Pr	inciples of counting II	(5)
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE		
CHEM 10	Concept of Chem OR	(4)	 NO COMPARABLE 	COURSE OR	
CHEM 2A	Genl Chemistry	(5)	CHEM 201	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	(6)
	Short Calculus	(3)		alculus I	
	Short Calculus				
	RESTRICTED ELEC				
ACDECES 10					
DESIGN 77	Business Law Intro to Fashion Design	(4) (4)	NO COMPARABLE	COURSE	
MATH 16C	Short Calculus	(3)	MATH 212 C	alculus II	(5)
Foreign lar units.	nguage units may be used to	sat.	isfy any or al	l of the required 12	
END OF MAJO	 DR				

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====
IMPORTANT ADVISORY FOR FALL 2018 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2018-19, and fall 2018 TAGs will not be available.

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OR

B) ENG CS 15 Intro to Computers (4) NO COMPARABLE COURSE
OR

ENG CS 30 Programming&Prob Solving (4) CMPSCI 111 Introduction to (3)
Computer Algorithms
and Programming/JAVA

OR

CMPSCI 235 C Programming (3)

As of F18, Course Number = ENG CS 36A

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

ECON 1A Princ of Microecon (4) ECON 202 Microeconomics (3) ECON 1B Princ of Macroecon (4) ECON 201 Macroeconomics (3)

4 QUARTER UNITS FROM THE FOLLOWING:

ANTHRO 2	Cultural Anthropology	(4)	ANTHR	20 103	Cultural Anthropology	(3)
As of W17,	units=5					
	OR				OR	
SCI&SOC 1	Critical Inquiry into Contemporary Issues	(4)	NO CO	MPARA	BLE COURSE	
	OR		ĺ		OR	
ARTHI 1A	Ancient Mediterranean Art	(4)	ART 1 	.10	Art History: Ancient to Medieval	(3)
	OR				OR	
ARTHI 1B	Mediev&Renaiss Art	(4)	ART 1 	.10 <u>&</u>	Art History: Ancient to Medieval	(3)
			ART 1	.11	Art History:	(3)
			ĺ		Renaissance to Modern	
	OR				OR	
ARTHI 1C	Baroque to Modern Art	(4)	ART 1	.11	Art History:	(3)
					Renaissance to Modern	
	OR				OR	
ARTHI 1D	Arts of Asia	(4)	NO CO	MPARA	BLE COURSE	

			WING COURSES:
PHYSICS 1A	Principles Physics	(3)	NO COMPARABLE COURSE
	OR		OR
PHYSICS 10	Topics, Nonscientists	(4)	NO COMPARABLE COURSE
PSYCH 1	General Psychology	(4)	PSYCH 101 Introduction to (3)
		, ,	Psychology
			OR
			PSYCH 101H Introduction to (3)
			Psychology - Honors
SOCIOL 2	Self and Society	(4)	NO COMPARABLE COURSE
STATIST 13	Elementary Statistics	(4)	MATH 140 Introductory (4)
	STATIST 13Y	(- /	Statistics
			OR
			MATH 140H Introductory (4)
			Statistics - Honors
			<u>OR</u>
			PSYCH 104 Statistics for the (3)
			Behavioral Sciences
TEX&CL 6	Intro Textiles		NO COMPARABLE COURSE
TEX&CL 7	Style & Cult Std		NO COMPARABLE COURSE
TEX&CL 8	Textile Apparel Ind	(4)	NO COMPARABLE COURSE
 Снем 2Д	Genl Chemistry	(5)	CHEM 201 General Chemistry I (6)
CHEM ZA	deni enemibery	(3)	OR
			CHEM 201H General Chemistry I - (6)
			Honors
CHEM 2B	Genl Chemistry	(5)	CHEM 201 & General Chemistry I (6)
			CHEM 202 General Chemistry II (5)
	_		NO COMPARABLE COURSE
CHEM 8B	Organic Chem-Brief	(4)	NO COMPARABLE COURSE
MATH 16A	Short Calculus	(3)	MATH 211 Calculus I (5)
	RESTRICTED ELECTIVES		
AGRESEC 18			NO COMPARABLE COURSE
CHEM 2C	Genl Chemistry		CHEM 202 General Chemistry II (5)
CHEM 128A	Organic Chemistry		CHEM 255 Organic Chemistry I (5)
CHEM 128B	Organic Chemistry	(3)	CHEM 255 & Organic Chemistry I (5)
CHEM 100C		(2)	CHEM 256 Organic Chemistry II (5)
CHEM 128C DESIGN 77	Organic Chemistry Intro to Fashion Design		CHEM 256 Organic Chemistry II (5) NO COMPARABLE COURSE
MGMT 11A	_		BUS 201 & Principles of (5)
MGMI IIA	Elem Accounting	(+)	Accounting I
			BUS 202 Principles of (5)
			Accounting II
MGMT 11B	Elem Accounting	(4)	NO COMPARABLE COURSE
MATH 16B	Short Calculus		MATH 212 Calculus II (5)
MATH 16C	Short Calculus		MATH 212 Calculus II (5)
SOCIOL 25	Popular Culture		NO COMPARABLE COURSE
	-		isfy 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

====Theatre and Dance A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation.

Transfer students must also meet UC transfer admission requirements. For details, see the UC Davis transfer admission webpage. UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration, it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

All students completing a major in theatre and dance must participate in dramatic productions, including work in at least two of the following three areas: acting/dance; design (scenic, costume, lighting, painting, props, sound); directing/playwriting/stage management and crew assignments. Transfer students should see the major advisor at UC Davis for an evaluation of their previous experience.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See http://llc.ucdavis.edu/foreign-language-placement-exams and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information. ._____

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 General Catalog . Quick reference charts for AP and IB are also available from our TAG website.

NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

SELECT 4 UNITS FROM THE FOLLOWING:

DRAMART 21 DRAMART 40 DRAMART 42 DRAMART 42	DA Beg Modern Dance DB Int Modern Dance PA Beg Ballet	(2) (2) (2) (2)	THEATR 140 Acting Fundamentals (3) NO COMPARABLE COURSE NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation
	ALL OF THE FO	LLOW	VING COURSES:
DRAMART 28	Stagecraft & Management	· '!	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 55	Cont Theatre Dance Perf	· '!	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56	6A Hist Theatre Dance I	(4)	NO COURSE ARTICULATED: College has not submitted course(s) for articulation
DRAMART 56	5B Hist Theatre Dance II	(4)	NO COURSE ARTICULATED: College has not submited course(s) for articulation
DRAMART 56	6C Hist Theatre Dance III	(4)	NO COURSE ARTICULATED: College has not submited course(s) for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C Organic Chemistry 8A Mathematics 16A Physics 1A/B or 7A Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B Mathematics 16B Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis

requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

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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:

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 $\underline{\text{General Catalog}}$. 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)	BIOSCI 107 OR	Molecular and (4) Cellular Biology
			BIOSCI 107H	Molecular and (4) Cellular Biology - Honors
PL SCI 2	Bot Physio Cul Plt	(4)	NO COMPARABI	LE COURSE
CHEM 2A	Genl Chemistry	(5)	CHEM 201 OR	General Chemistry I (6)
			CHEM 201H	General Chemistry I - (6) Honors
CHEM 2B	Genl Chemistry	(5)	:	General Chemistry I (6)
CHEM 2C	Genl Chemistry	(5)	!	General Chemistry II (5) General Chemistry II (5)
CHEM 8A CHEM 8B	Organic Chem-Brief Organic Chem-Brief		NO COMPARABI	
PL SCI 21	Computers in Technology	(3)	NO COMPARABI	LE COURSE

OR EQUIVALENT AND advisor APPROVAL

MATH 16A MATH 16B	Short Calculus Short Calculus	. ,	MATH 211 MATH 212	Calculus Calculus		 (5)
PHYSICS 1A	Principles Physics AND	(3)	NO COMPARABI 	LE COURSE AND		
PHYSICS 1B	Principles Physics OR	(3)	NO COMPARABI	LE COURSE OR		
PHYSICS 7A	General Physics	(4)	PHYSIC 110 &	_	l Physics l Physics	(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.

VIT-ENO	2	Intro to Viticult	(2) NO COMPARABLE COURSE
VIT-ENO	3	Intro Winemaking	(3) NO COMPARABLE COURSE

END OF MAJOR

====Wildlife, Fish and Conservation Biology B.S.==== Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the UC Transfer Admission website for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit http://tag.ucdavis.edu for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General
Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the UC Transfer Admission website. The courses used for the A&ES English Composition Requirement and those chosen for admission may be the

same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2016-18 $\underline{\text{General Catalog}}$. Quick reference charts for $\underline{\text{AP}}$ and $\underline{\text{IB}}$ are also available from our TAG website.

avallable I	IOM OUI TAG WEDSICE.				
UWRITING 1	Expository Writing	(4)	 ENGL 101 OR	English Composition	(3)
	AND		ENGL 101H	Honors - English Composition AND	(4)
COMUNCN 1	Intro Public Spkg	(4)	COMS 105	Fundamentals of Public Speaking	(3)
	OR		<u>OR</u> COMS 105H 	Fundamentals in Public Speaking- Honors OR	(3)
COMUNCN 3	Intprsnl Com Cmpetnce	(4)	COMS 246	Interpersonal	(3)
				Communication	
DRAMART 10	OR Intro To Acting	(4)	 NO COMPARAB	OR Le Course	
Note: Compl	eting UWP 1 and Communicati				
College req	uirements.				
BIOLSCI 2A	Intro Biology:Life on Earth	(5)	BIOSCI 107	Molecular and Cellular Biology	(4)
			<u>OR</u>		
			BIOSCI 107H 	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 106	Organismal and Environmental Biology	(4)
BIOLSCI 2C		(5)	BIOSCI 106	Organismal and	(4)
	Biodiversity & the Tree of Life			Environmental Biology	
CHEM 2A	Genl Chemistry	(5)	 CHEM 201 OR	General Chemistry I	(6)
			CHEM 201H	General Chemistry I - Honors	(6)
CHEM 2B	Genl Chemistry	(5)	· —	General Chemistry I General Chemistry II	(6)
CHEM 8A	Organic Chem-Brief	(2)	CHEM 202 NO COMPARAB	-	(5)
	Organic Chem-Brief		NO COMPARAB		
MATH 16A	Short Calculus	(3)	 MATH 211	Calculus I	(5)
MATH 16B	Short Calculus	(3)	MATH 212	Calculus I Calculus II	(5)
PHYSICS 1A	Principles Physics	(3)	NO COMPARAB	LE COURSE	
	Principles Physics			LE COURSE	

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

W&F BIO 10 W&F BIO 50	Wildl Ecol Conserve Calif Wild Vertebrates		NO COMPARABLE COURSE NO COURSE ARTICULATED: College has not submitted course(s) for articulation
W&F BIO 51	Intro to Conservation	(3)	NO COURSE ARTICULATED: College has not
	Biology		submitted course(s) for articulation
RECO	MMENDED COURSES FOR THE WI	LDLII	FE HEALTH AREA OF SPECIALIZATION:
CHEM 2C	Genl Chemistry	(5)	CHEM 202 General Chemistry II (5)
CHEM 118A	Org Chem, Hlth & Sci	(4)	CHEM 255 Organic Chemistry I (5)
CHEM 118B	Org Chem, Hlth & Sci	(4)	CHEM 255 $\underline{\&}$ Organic Chemistry I (5)
			CHEM 256 Organic Chemistry II (5)
CHEM 118C	Org Chem, Hlth & Sci	(4)	CHEM 256 Organic Chemistry II (5)
PHYSICS 7A	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7B	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)
PHYSICS 7C	General Physics	(4)	PHYSIC 110 $\underline{\&}$ General Physics I (4)
			PHYSIC 111 General Physics II (4)

END OF MAJOR

====Worksheet UGA (ENG)====

IMPORTANT ADVISORY REGARDING THIS WORKSHEET

This worksheet serves as an administrative tool and should not be used to determine specific major preparation for UC Davis College of Engineering majors.

View the "By Major" section of ASSIST to best assess the requirements for your major of interest.

This worksheet provides a listing of lower-division preparatory courses required for certain College of Engineering majors and may be helpful in correlation with review of the College of Engineering Transfer Credit Agreements (engineering grids) available at http://engineering.ucdavis.edu/transfer-credit-agreements/

· ·		-					
MATH	21A	Calculus	(4)	MATH	211	Calculus I	(5)
MATH	21B	Calculus	(4)	MATH	212	Calculus II	(5)
MATH	21C	Calculus	(4)	MATH	213	Calculus III	(5)
MATH	21D	Vector Analysis	(4)	MATH	213	Calculus III	(5)
MATH	22A	Linear Algebra	(3)	MATH	214	Linear Algebra	(3)
MATH	22B	Differntl Equations	(3)	MATH	215	Differential Equations	(3)
CHEM	2A	Genl Chemistry	(5)	CHEM	201 DR	General Chemistry I	(6)
				1	201H	General Chemistry I - Honors	(6)
CHEM	2B	Genl Chemistry	(5)		201 <u>&</u> 202	General Chemistry I General Chemistry II	(6) (5)
CHEM	2C	Genl Chemistry	(5)	CHEM	202	General Chemistry II	(5)
CHEM	8A	Organic Chem-Brief	(2)	NO C	OMPARAB!	LE COURSE	
CHEM	8B	Organic Chem-Brief	(4)	NO CO	OMPARAB	LE COURSE	
CHEM	118A	Org Chem, Hlth & Sci	(4)	CHEM	255	Organic Chemistry I	(5)

CHEM 118B	Org Chem, Hlth & Sci			rganic Chemistry I (5)
CHEM 128A	Organic Chemistry			
CHEM 128B	Organic Chemistry	(3)	CHEM 256 Or	rganic Chemistry I (5)
CHEM 129A	Organic Chem Lab	(2)		ganic Chemistry I (5)
PHYSICS 9A	Classical Physics	(5)	PHYSIC 220 &	
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9B	Classical Physics	(5)	_	Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 <u>&</u>	Physics for (4) Scientists and Engineers: Electricity and Magnetism
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
PHYSICS 9C	Classical Physics	(5)	PHYSIC 220 &	Physics for (4) Scientists and Engineers: Mechanics of Solids and Fluids
			PHYSIC 221 &	
			PHYSIC 222	Physics for Sci and (4) Engrs: Waves, Heat, Optics and Modern Physics
	Modern Physics		NO COMPARABLE	COURSE
a) BIMEDEN 1	Intro Biomedical Eng	r (2)		
	0 Fundamentals of			

a) ENGIN 4 Graphics in Design	(3) NO COMPARABLE COURSE	
a) ENGIN 6 Engr Prob Solving	(4) NO COMPARABLE COURSE	
a) ENGIN 17 Circuits I	(4) ENGR 153 Electrical Circuits	(4)
a) ENGIN 35 Statics	(4) ENGR 152 Statics	(3)
a) ENGIN 45 Prop of Mats	(4) ENGR 151 <u>&</u> Materials of Engineering ENGR 151L Materials of Engineering Lab	(3)
ENG CS 20 C Sci/Discrete Math	(4) CMPSCI 256 Discrete Structures	(3)
ENG CS 30 Programming&Prob Solving	(4) CMPSCI 111 Introduction to Computer Algorithms and Programming/JAVA	(3)
As of F18, Course Number = ENG CS	CMPSCI 235 C Programming	(3)
ENG CS 40 Sftwr/Obj-Orien:C++ As of F18, Course Number = ENG CS	(4) CMPSCI 236 C++ Object Oriented Programming	(3)
ENG CS 50 Machine Dependent Prog	·	
ENG CS 60 Data Structures & Programming As of F18, Course Number = ENG CS	(4) CMPSCI 282 Advanced Data Structures	(3)
a) ENG BS 1 Biosys Engr Fndts		
a) ENG BS 75 Prop Mat in Bio Sys		
a) ENG MEC 50 Mfg Processes		
a) ENG CHM 51 Material Balances		
ENG CHM 60 Engineering Problem Solv		
a) ENG CHM 80 Chem Engr Profession		
	(4) ENGL 101 English Composition	(2)
	OR ENGL 101H Honors - English Composition	(4)
ENGLISH 3 Intro to Lit	(4) NO COURSE ARTICULATED: College has submitted course(s) for articulation	
COMUNCN 1 Intro Public Spkg	(4) COMS 105 Fundamentals of Public Speaking	(3)
	<u>OR</u> COMS 105H Fundamentals in Public Speaking- Honors	(3)
	(4) COMS 246 Interpersonal Communication	
	(5) BIOSCI 107 Molecular and	(4)

	Earth		OR	•	Cellular Biology	
			<u>SX</u> BIOSCI 	-	Molecular and Cellular Biology - Honors	(4)
BIOLSCI 2B	Intro Biology: Ecology & Evolution	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)
BIOLSCI 2C	Intro Biology: Biodiversity & the Tree of Life	(5)	BIOSCI 	106	Organismal and Environmental Biology	(4)
c) GEOLOGY 50 f)	Physical Geology	(3)	GEOL 10)1 P	Physical Geology	(3)
ATM SCI 60	Intro to Atmospheric Science	(4)	NO COMF	PARABLE	COURSE	-

END OF MAJOR

- a) This articulation is approved for engineering majors.
- $_{\rm C})$ This course is not strictly comparable with UC Davis courses but will fulfill the introductory physical geology requirement for the geology major at UC Davis.
- ${\tt f}\,{\tt)}$ If a student takes GEOL 101 at College of the Canyons, credit will be given for UC Davis's GEOLOGY 1 or 50, not both.