

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====African American and African Studies A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

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

ONE COURSE FROM THE FOLLOWING:

| | | | | | | |
|-----------|-----------------------|-----|--|-----------|------------------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology | (3) |
| ECON 1A | Princ of Microecon | (4) | | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | | ECON C175 | Principles of Macroeconomics | (3) |
| SOCIOL 1 | Intro Sociology | (5) | | SOC C100 | Introduction to Sociology | (3) |
| POL SCI 1 | Amer Natl Govt | (4) | | PSCI C180 | American Government | (3) |
| POL SCI 2 | Intro Comp Politics | (4) | | PSCI C185 | Comparative Politics | (3) |
| PSYCH 1 | General Psychology | (4) | | PSYC C100 | Introduction to Psychology | (3) |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|------------|------------------------|-----|--|---|
| CHICANO 10 | Intro to Chic Std | (4) | | NO COMPARABLE COURSE |
| N A STD 1 | Intro NA Studies | (4) | | NO COMPARABLE COURSE |
| N A STD 10 | NA Experience | (4) | | NO COMPARABLE COURSE |
| AMR STD 10 | Intro American Studies | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

| | | | | |
|------------|-----------------------------------|-----|--|----------------------|
| A A STD 1 | Hist Exp Asian Am | (4) | | NO COMPARABLE COURSE |
| A A STD 2 | Contemp Issues of Asian Americans | (4) | | NO COMPARABLE COURSE |
| WOM STD 50 | Intro Gender Studies | (4) | | NO COMPARABLE COURSE |

TWO COURSES FROM THE FOLLOWING:

| | | | | |
|-------------|----------------|-----|--|--|
| HISTORY 15A | Africa to 1900 | (4) | | NO COURSE ARTICULATED |
| HISTORY 15B | Africa Today | (4) | | NO COURSE ARTICULATED |
| HISTORY 17A | U.S. History | (4) | | HIST C170 United States History (3) to 1876 |
| HISTORY 17B | U.S. History | (4) | | HIST C175 United States History (3) since 1876 |

4 QUARTER UNITS FROM THE FOLLOWING:

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

END OF MAJOR

====Agricultural & Environmental Education B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

| | | | | | |
|-------------|----------------|-----|--|-----------|---------------------------|
| HISTORY 17A | U.S. History | (4) | | HIST C170 | United States History (3) |
| | | | | | to 1876 |
| | OR | | | OR | |
| POL SCI 1 | Amer Natl Govt | (4) | | PSCI C180 | American Government (3) |

A MINIMUM OF 8 QUARTER UNITS FROM EACH OF THE FOLLOWING AREAS:

| | | | | | |
|------------|----------------------|-----|--|---|--|
| AN SCI 1 | Domest Ani & People | (4) | | NO COMPARABLE COURSE | |
| AN SCI 2 | Intro Animal Sci | (4) | | NO COMPARABLE COURSE | |
| AN SCI 21 | Livestock&Dairy Jdgs | (2) | | NO COMPARABLE COURSE | |
| AN SCI 41 | Domestic Ani Prod | (2) | | NO COMPARABLE COURSE | |
| ABIOSYT 16 | Metal Prop & Fabr | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ABIOSYT 49 | Fld Equip Oper | (2) | | NO COMPARABLE COURSE | |
| ABIOSYT 52 | Field Equip Welding | (2) | | NO COURSE ARTICULATED: College has not | |

|submitted course(s)for articulation

| | | | | | |
|------------|---------------------|-----|----------------------|------------------------------|-----|
| AGRESEC 15 | Pop,Envr,World Agri | (4) | NO COMPARABLE COURSE | | |
| | AND | | | AND | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| | OR | | | OR | |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |

| | | | |
|-----------|--------------------------|-----|---|
| ENVHORT 1 | Intro Envhort/Urb For | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ENVHORT 6 | Intro Environ Plants | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PL SCI 5 | Plants Gard, Orch & Land | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

FORMERLY PLANT BIO 1

| | | | |
|------------|--|-----|---|
| ENV S&P 10 | Current Issues in Environment | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | ENV S&P 10 not open for credit to students who have completed ENV S&P 1 | | |
| ENV TOX 10 | Intro Environ Toxicology | (3) | NO COMPARABLE COURSE |
| HYDRO S 10 | Water, Power, Society | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | Same as: SCI&SOC 10 | | |

| | | | |
|-----------|-------------------------------|-----|---|
| PL SCI 1 | Agr Nature & Society | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PL SCI 15 | Intro Sustainable Agriculture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PL SCI 49 | Org Crop Prod Prac | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| VIT-ENO 2 | Intro to Viticult | (2) | NO COMPARABLE COURSE |
| VIT-ENO 3 | Intro Winemaking | (3) | NO COMPARABLE COURSE |

ALL OF THE FOLLOWING COURSES:

| | | | | | |
|------------|------------------------------------|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|---------|----------------|-----|------------|--------------------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | & General Chemistry Lab A | (1) |
| | | | CHEM C185 | & General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |

| | | | |
|------------|--------------------------|-----|---|
| GEOLOGY 1 | The Earth | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| GEOLOGY 20 | California Geology | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| SOILSCI 10 | Soils in Our Environment | (3) | NO COMPARABLE COURSE |

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |

| | | | | | |
|------------|---------------------|-----|-----------|------------------------------|-----|
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| | | | MATH C185 | Calculus 2 | (5) |
| | <u>OR</u> | | | <u>OR</u> | |
| MATH 17A | Calculus for BioSci | (4) | NO COURSE | ARTICULATED: College has not | |
| | | | submitted | course(s) for articulation | |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE | ARTICULATED: College has not | |
| | | | submitted | course(s) for articulation | |
| | <u>OR</u> | | | <u>OR</u> | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| ----- | | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 | <u>&</u> Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | <u>&</u> Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |

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

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

Special Advising Note:

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

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

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

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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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| | | | | |
|------------|------------------------|-----|--|---|
| 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 Culture | (4) | | NO COMPARABLE COURSE |
| AMR STD 1B | Relig in Am Lives | (4) | | NO COMPARABLE COURSE |
| AMR STD 1C | American Lives | (4) | | NO COMPARABLE COURSE |
| AMR STD 1E | Nat&Cult Amr | (4) | | NO COMPARABLE COURSE |
| AMR STD 5 | Tech in Amr Lives | (4) | | NO COMPARABLE COURSE |
| AMR STD 21 | Objects & Everyday Life | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 25 | U.S. as Business Culture | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 30 | Amr Images Pop Cult | (4) | | NO COMPARABLE COURSE |
| AMR STD 55 | Food in Amer Culture Same as: FD S&T 55 | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 59 | Music and American Culture | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|------------|---------------------|-----|--|----------------------|
| AF-AMST 10 | Af-Am Culture & Soc | (4) | | NO COMPARABLE COURSE |
| A A STD 1 | Hist Exp Asian Am | (4) | | NO COMPARABLE COURSE |
| CHICANO 10 | Intro to Chic Std | (4) | | NO COMPARABLE COURSE |
| N A STD 1 | Intro NA Studies | (4) | | NO COMPARABLE COURSE |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|------------|-----------------------|-----|--|-------------------------------------|
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 Cultural Anthropology (3) |
| SOCIOL 2 | Self and Society | (4) | | NO COMPARABLE COURSE |
| WOM STD 50 | Intro Gender Studies | (4) | | NO COMPARABLE COURSE |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|-------------|--------------|-----|--|-------------------------------------|
| HISTORY 17A | U.S. History | (4) | | HIST C170 United States History (3) |
|-------------|--------------|-----|--|-------------------------------------|

| | | | | |
|-------------|-------------------|-----|----------------------|--|
| HISTORY 17B | U.S. History | (4) | HIST C175 | to 1876 United States History (3) since 1876 |
| HISTORY 72A | Am Women & Gender | (4) | NO COMPARABLE COURSE | |
| HISTORY 72B | Am Women & Gender | (4) | HIST C121 | History of American (3) Women |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|------------------------|---|-----|---|---|
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | |
| ENGLISH 10A | Literatures in English I: To 1700 | (4) | ENGL C270 | British Literature to (3) 1800 |
| c) ENGLISH 10B | Literatures in English II: 1700-1900 | (4) | ENGL C150 | American Literature (3) to the Civil War |
| | | | <u>OR</u> | |
| c) ENGLISH 10C | Literatures in English III: 1900 to Present | (4) | ENGL C155 | American Literature (3) 1865 to Present |
| | | | <u>OR</u> | |
| 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 | | | | |

c) Students who complete ENGL C275 at Coastline College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.

====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.

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

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

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

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

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

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

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| | | | | | | |
|------------|--|-----|--|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | General Chemistry A | (4) |
| | | | | CHEM C180L | | |

| | | | | | | |
|------------|----------------------|-----|------------|--------------|--|-----|
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| ----- | | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| | OR | | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | & | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| ----- | | | | | | |
| MATH 16A | Short Calculus | (3) | MATH C140 | | Business Calculus | (4) |
| | | | OR | | | |
| | | | MATH C180 | | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | | Business Calculus | (4) |
| | | | OR | | | |
| | | | MATH C185 | | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | MATH C185 | | Calculus 2 | (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 C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |
| ----- | | | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (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 | (4) | MATH C160 | Introduction to | (4) |
| Same as: STATIST 13Y | | | | Statistics | |
| AN BIOL 50A | Animal Biol Lab | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN BIOL 50B | Animal Biology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN BIOL 50C | Animal Biology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

END OF MAJOR

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

Special Advising Note:

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

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

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

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement

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

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

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

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

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| | | | | |
|------------|--|-----|---|--|
| AN SCI 1 | Domest Ani & People | (4) | NO COMPARABLE COURSE | |
| AN SCI 2 | Intro Animal Sci | (4) | NO COMPARABLE COURSE | |
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms (5) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A (4) General Chemistry Lab A (1) General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B (3) Organic Chemistry A Lab (2) |

| | | | |
|--------------|-------------------------|-----|---|
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| OR | | | OR |
| B) ENG CS 15 | Intro to Computers | (4) | NO COMPARABLE COURSE |
| ----- | | | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 Principles of Microeconomics (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 Principles of Macroeconomics (3) |
| ----- | | | |
| MGMT 11A | Elem Accounting | (4) | ACCT C101 Financial Accounting (4) |
| MGMT 11B | Elem Accounting | (4) | ACCT C102 Managerial Accounting (4) |
| ----- | | | |
| MATH 16A | Short Calculus | (3) | MATH C140 Business Calculus (4) |
| | | | OR |
| MATH 16B | Short Calculus | (3) | MATH C180 Calculus 1 (5) |
| | | | MATH C140 Business Calculus (4) |
| | | | OR |
| MATH 16C | Short Calculus | (3) | MATH C185 Calculus 2 (5) |
| | | | MATH C185 Calculus 2 (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 C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |
| MATH 21C | Calculus | (4) | MATH C185 Calculus 2 (5) |

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS SPECIALIZATION

AN SCI 18 Intro Aquaculture (4) | NO COMPARABLE COURSE

COMPANION ANIMALS SPECIALIZATION

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

DAIRY SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE

AN SCI 41L Domest An Prod Lab (2) | NO COMPARABLE COURSE

EQUINE SPECIALIZATION

AN SCI 15 Intro Horse Husb (3) | NO COMPARABLE COURSE

LIVESTOCK SPECIALIZATION

AN SCI 41 Domestic Ani Prod (2) | NO COMPARABLE COURSE

AN SCI 41L Domest An Prod Lab (2) | NO COMPARABLE COURSE

POULTRY SPECIALIZATION

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

RESTRICTED ELECTIVES (12 QUARTER UNITS):

END OF MAJOR

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

====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.

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| | | | | | |
|------------|--|-----|--|---|--|
| AN SCI 1 | Domest Ani & People | (4) | | NO COMPARABLE COURSE | |
| AN SCI 2 | Intro Animal Sci | (4) | | NO COMPARABLE COURSE | |
| AN SCI 41 | Domestic Ani Prod | (2) | | NO COMPARABLE COURSE | |
| AN SCI 41L | Domest An Prod Lab | (2) | | NO COMPARABLE COURSE | |
| <hr/> | | | | | |
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms (5) |
| <hr/> | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A (4) General Chemistry Lab A (1) General Chemistry B (4) General Chemistry Lab B (1) |
| <hr/> | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | | CHEM C220 | Organic Chemistry A (3) |
| CHEM 8B | Organic Chem-Brief | (4) | | CHEM C225 & CHEM C220L | Organic Chemistry B (3) Organic Chemistry A Lab (2) |
| OR | | | | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |

| | | | | |
|--|------------|---|-------------------------|-----|
| | CHEM C225 | & | Organic Chemistry B | (3) |
| | CHEM C225L | | Organic Chemistry B Lab | (2) |

| | | | | | |
|----------|---------------------|-----|---|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| | | | MATH C185 | Calculus 2 | (5) |
| | <u>OR</u> | | | <u>OR</u> | |
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | <u>OR</u> | | | <u>OR</u> | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

AREAS OF SPECIALIZATION:

AQUATIC ANIMALS

| | | | | | |
|-----------|-------------------|-----|----------------------|--|--|
| AN SCI 18 | Intro Aquaculture | (4) | NO COMPARABLE COURSE | | |
|-----------|-------------------|-----|----------------------|--|--|

AVIAN SCIENCES

| | | | | | |
|-----------|---------------------|-----|----------------------|--|--|
| AV SCI 13 | Birds, Humans & Env | (3) | NO COMPARABLE COURSE | | |
|-----------|---------------------|-----|----------------------|--|--|

COMPANION AND CAPTIVE ANIMALS

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

EQUINE SCIENCE

| | | | | | |
|-----------|-----------------|-----|----------------------|--|--|
| AN SCI 15 | Intro Horse Hub | (3) | NO COMPARABLE COURSE | | |
|-----------|-----------------|-----|----------------------|--|--|

LABORATORY ANIMALS

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

POULTRY

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

END OF MAJOR

====Anthropology 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.

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EVOLUTIONARY EMPHASIS:

| | | | | | |
|----------|-----------------------|-----|--|-----------|---------------------------|
| ANTHRO 1 | Human Evol Biol | (4) | | ANTH C185 | Physical Anthropology (3) |
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology (3) |
| ANTHRO 3 | Intr to Archaeology | (4) | | ANTH C120 | Introduction to (3) |
| | | | | | Archaeology |

ONE COURSE FROM THE FOLLOWING:

| | | | | | |
|-----------|----------------------------|-----|--|---|--|
| ANTHRO 15 | Human Life Cycle | (5) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ANTHRO 23 | Intr World Prehist | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ANTHRO 24 | Ancient Crops and People | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ANTHRO 50 | Evolution and Human Nature | (4) | | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |
| ANTHRO 54 | Intro to Primatology | (4) | | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|---------------------------------------|-------------------------------------|-----|--|---|
| ANTHRO 13 | Sci Method in Physical Anthropology | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE |
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 Introduction to Statistics (4) |
| Same as: | STATIST 13Y | | | |
| STATIST 32 | Gateway to Data Science | (4) | | NO COMPARABLE COURSE |
| <u>SOCIOCULTURAL EMPHASIS:</u> | | | | |
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 Cultural Anthropology (3) |

TWO COURSES FROM THE FOLLOWING:

| | | | | |
|----------|---------------------|-----|--|---|
| ANTHRO 1 | Human Evol Biol | (4) | | ANTH C185 Physical Anthropology (3) |
| ANTHRO 3 | Intr to Archaeology | (4) | | ANTH C120 Introduction to Archaeology (3) |
| ANTHRO 4 | Anthro Linguistics | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

SELECT ONE OF THE FOLLOWING TWO OPTIONS:

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

2) Two courses from the following list:

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

END OF MAJOR

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

Special Advising Note:

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.

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

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

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis 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 Admission Guarantee (TAG) Note:

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

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

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

| | | | | | |
|----------|-----------------------|-----|-----------|-----------------------------|-----|
| ANTHRO 1 | Human Evol Biol | (4) | ANTH C185 | Physical Anthropology | (3) |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| ANTHRO 3 | Intr to Archaeology | (4) | ANTH C120 | Introduction to Archaeology | (3) |

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|--------------|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| | | | CHEM C185 | | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | |
|-----------|----------------------|-----|------------|-------------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | Organic Chemistry B | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) |
| | | | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | | MATH C185 | Calculus 2 (5) |
| MATH 21C | Calculus | (4) | | MATH C185 | Calculus 2 (5) |

ONE COURSE FROM THE FOLLOWING:

| | | | | | |
|------------|-------------------------------------|-----|--|---|--------------------------------|
| ANTHRO 13 | Sci Method in Physical Anthropology | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE | |
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 | Introduction to Statistics (4) |
| | Same as: STATIST 13Y | | | | |
| STATIST 32 | Gateway to Data Science | (4) | | NO COMPARABLE COURSE | |

END OF MAJOR

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

Special Advising Note:

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

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

| | | | | | |
|-----------|---|-----|--|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22AL | Lin Alg Comp Lab | (1) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | or equivalent basic knowledge of MATLAB. | | | | |
| | BOTH OF THE FOLLOWING COURSES: | | | | |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| | AND | | | AND | |
| MATH 108 | Intro Abstract Math | (4) | This course must be taken at UC Davis | | |
| | OR SELECT THE FOLLOWING COURSE: | | | | |
| MATH 67 | Modern Linear Algebra | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

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

| | | | | | |
|------------|----------------------|-----|----------------------|--|--|
| ENG CS 32A | Intro to Programming | (4) | NO COMPARABLE COURSE | | |
| | Formerly ENG CS 10 | | | | |
| 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.

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

| | | | | | |
|------------|---------------------------------------|-----|----------------------|-------------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | & General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | & General Chemistry Lab A | (1) |

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

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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| | | | | | |
|-------------|---------------------|-----|------------------------|--|-----|
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9D | Modern Physics | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| PHYSICS 9HA | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HB | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HC | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HD | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HE | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| <hr/> | | | | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and | (5) |

Differential
Equations

ATMOSPHERIC PHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

CHEMICAL PHYSICS CONCENTRATION

CHEM 2A Genl Chemistry (5) | CHEM C180 & General Chemistry A (4)
| CHEM C180L & General Chemistry (1)
| Lab A

CHEM 2B Genl Chemistry (5) | CHEM C180 & General Chemistry A (4)
| CHEM C180L & General Chemistry (1)
| Lab A

CHEM 2C Genl Chemistry (5) | CHEM C185 & General Chemistry B (4)
| CHEM C185L & General Chemistry (1)
| Lab B

CHEM 2C Genl Chemistry (5) | CHEM C185 & General Chemistry B (4)
| CHEM C185L & General Chemistry (1)
| Lab B

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

COMPUTATIONAL PHYSICS CONCENTRATION

ENG CS 36A Programming (4) | NO COMPARABLE COURSE
Formerly ENG CS 30

ENG CS 36B Object-Oriented Program (4) | NO COMPARABLE COURSE
Formerly ENG CS 40

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.

GEOPHYSICS CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

MATERIALS SCIENCE CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

PHYSICAL ELECTRONICS CONCENTRATION

ENGIN 17 Circuits I (4) | NO COMPARABLE COURSE

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

PHYSICS 80 Experimental Techniques (4) | NO COURSE ARTICULATED

PHYSICAL OCEANOGRAPHY CONCENTRATION

PHYSICS 40 Intr Physics Computation (4) | NO COURSE ARTICULATED

END OF MAJOR

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

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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FOUR COURSES FROM THE FOLLOWING:

| | | | | |
|----------|----------------------------|-----|---|-----|
| ARTHI 1A | Ancient Mediterranean Art | (4) | NO COMPARABLE COURSE | |
| ARTHI 1B | Mediev&Renaiss Art | (4) | ART C100 & History and Appreciation of Art 1 | (3) |
| | | | ART C101 History and Appreciation of Art 2 | (3) |
| ARTHI 1C | Baroque to Modern Art | (4) | ART C100 & History and Appreciation of Art 1 | (3) |
| | | | ART C101 History and Appreciation of Art 2 | (3) |
| ARTHI 1D | Arts of Asia | (4) | NO COMPARABLE COURSE | |
| ARTHI 1E | Islamic Art & Architecture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ARTHI 5 | Visual Culture | (4) | NO COMPARABLE COURSE | |
| ARTHI 25 | Understanding Architecture | (4) | NO COMPARABLE COURSE | |

ONE ART STUDIO COURSE FROM:

| | | | | |
|-------|---------------------|-----|----------------------|-------|
| ART 2 | Beginning Drawing | (4) | ART C120A Drawing 1 | (1.5) |
| | | | OR | |
| | | | ART C120B Drawing 2 | (1.5) |
| ART 5 | Beginning Sculpture | (4) | NO COMPARABLE COURSE | |
| ART 7 | Beginning Painting | (4) | NO COMPARABLE COURSE | |

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

END OF MAJOR

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

Special Advising Note:

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Transfer Admission Guarantee (TAG) Note:

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

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

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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 C120A | Drawing 1 | (1.5) |
| | | | OR | | |
| | | | ART C120B | Drawing 2 | (1.5) |
| ART 5 | Beginning Sculpture | (4) | NO COMPARABLE COURSE | | |
| ART 7 | Beginning Painting | (4) | NO COMPARABLE COURSE | | |
| ART 8 | Beginning Ceramic Sculpture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ART 9 | Beginning Photography | (4) | 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 CHOSEN FROM THE FOLLOWING:

| | | | | | |
|----------|-----------------------------------|-----|---|-----------------------------------|-----|
| ART 24 | Intro Experimental Video and Film | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ART 30 | Contemp Vis Culture | (4) | NO COMPARABLE COURSE | | |
| ARTHI 1A | Ancient Mediterranean Art | (4) | NO COMPARABLE COURSE | | |
| ARTHI 1B | Mediev&Renaiss Art | (4) | ART C100 & | History and Appreciation of Art 1 | (3) |
| | | | ART C101 | History and Appreciation of Art 2 | (3) |
| ARTHI 1C | Baroque to Modern Art | (4) | ART C100 & | History and Appreciation of Art 1 | (3) |
| | | | ART C101 | History and Appreciation of Art 2 | (3) |
| ARTHI 1D | Arts of Asia | (4) | NO COMPARABLE COURSE | | |
| ARTHI 1E | Islamic Art & Architecture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ARTHI 5 | Visual Culture | (4) | NO COMPARABLE COURSE | | |
| ARTHI 25 | Understanding Architecture | (4) | NO COMPARABLE COURSE | | |

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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 Culture | (4) | NO COMPARABLE COURSE |
| AMR STD 1B | Relig in Am Lives | (4) | NO COMPARABLE COURSE |
| AMR STD 1C | American Lives | (4) | NO COMPARABLE COURSE |
| AMR STD 1E | Nat&Cult Amr | (4) | NO COMPARABLE COURSE |
| AMR STD 5 | Tech in Amr Lives | (4) | NO COMPARABLE COURSE |
| AMR STD 10 | Intro American Studies | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 21 | Objects & Everyday Life | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 25 | U.S. as Business Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 30 | Amr Images Pop Cult | (4) | NO COMPARABLE COURSE |
| AMR STD 55 | Food in Amer Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| AMR STD 59 | Music and American Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 10 | Intro to Chic Std | (4) | NO COMPARABLE COURSE |

| | | | |
|---|--|-----|---|
| CHICANO 21 | Hlth Care Issues | (4) | NO COMPARABLE COURSE |
| CHICANO 30 | US Poli & Chicanos | (4) | NO COMPARABLE COURSE |
| CHICANO 40 | Comparative Health | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 50 | Chicano Culture | (4) | NO COMPARABLE COURSE |
| CHICANO 60 | Chicana and Chicano Representn in Cinema | (4) | NO COMPARABLE COURSE |
| CHICANO 65 | New Latin American Cinema | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 70 | Survey Chic Art | (4) | NO COMPARABLE COURSE |
| CHICANO 73 | Art Expr Silk Scr | (4) | NO COMPARABLE COURSE |
| N A STD 1 | Intro NA Studies | (4) | NO COMPARABLE COURSE |
| N A STD 5 | Intro NA Literature | (4) | NO COMPARABLE COURSE |
| N A STD 7 | Indig & Minority Langs | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |
| N A STD 10 | NA Experience | (4) | NO COMPARABLE COURSE |
| N A STD 12 | Native Amer/Indigenous Film | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |
| N A STD 32 | NA Music & Dance | (4) | NO COMPARABLE COURSE |
| N A STD 33 | Intro NA Art | (4) | NO COMPARABLE COURSE |
| N A STD 34 | NA Art Workshop | (4) | NO COMPARABLE COURSE |
| WOM STD 20 | Cult Repr of Gndr | (4) | NO COMPARABLE COURSE |
| WOM STD 25 | Gender & Global Cinema | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| WOM STD 50 | Intro Gender Studies | (4) | NO COMPARABLE COURSE |
| WOM STD 60 | Feminist Critiques | (4) | NO COMPARABLE COURSE |
| WOM STD 70 | Sexual:Thry&Hist | (4) | NO COMPARABLE COURSE |
| AT LEAST TWO COURSES FROM THE FOLLOWING METHODS COURSES: | | | |
| ANTHRO 13 | Sci Method in Physical Anthropology | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARTHI 5 | Visual Culture | (4) | NO COMPARABLE COURSE |
| ART 10 | Fine Art Appreciation | (4) | NO COMPARABLE COURSE |
| ART 30 | Contemp Vis Culture | (4) | NO COMPARABLE COURSE |
| CHICANO 23 | Qualitative Research Methods | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ENGLISH 42 | Approaches to Reading | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PHILOS 5 | Critical Reasoning | (4) | PHIL C115 Logic and Critical Thinking (3) |
| N A STD 46 | Orientation to Research in NAS | (4) | NO COMPARABLE COURSE |
| POL SCI 51 | Scientific Study of Politics | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PSYCH 41 | Research Methods | (4) | PSYC C280 Introduction to Research Methods in Psychology (4) |
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 Introduction to Statistics (4) |
| Same as: STATIST 13Y | | | |

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1

as part of their English Composition requirement.

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

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

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

CHEM 2A Genl Chemistry (5) | CHEM C180 & General Chemistry A (4)
| CHEM C180L & General Chemistry (1)
| Lab A

CHEM 2B Genl Chemistry (5) | CHEM C180 & General Chemistry A (4)
| CHEM C180L & General Chemistry (1)
| Lab A
| CHEM C185 & General Chemistry B (4)
| CHEM C185L General Chemistry (1)
| Lab B

ENG CS 36A Programming (4) | NO COMPARABLE COURSE
Formerly ENG CS 30

or a course selected with advisor's approval

MATH 21A Calculus (4) | MATH C180 Calculus 1 (5)
MATH 21B Calculus (4) | MATH C185 Calculus 2 (5)
MATH 21C Calculus (4) | MATH C185 Calculus 2 (5)
MATH 21D Vector Analysis (4) | MATH C280 Calculus 3 (5)
MATH 22A Linear Algebra (3) | MATH C285 Introduction to (5)
| Linear Algebra and
| Differential
| Equations

MATH 22B Differntl Equations (3) | MATH C280 Calculus 3 (5)
| **OR**
| MATH C285 Introduction to (5)
| Linear Algebra and
| Differential
| Equations

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

PHYSICS 9A Classical Physics (5) | PHYS C185 Calculus Based (3)
| Physics: Mech

PHYSICS 9B Classical Physics (5) | NO COMPARABLE COURSE

PHYSICS 9C Classical Physics (5) | NO COMPARABLE COURSE

STATIST 13 Elementary Statistics (4) | MATH C160 Introduction to (4)
Same as: STATIST 13Y | Statistics

PREPARATION FOR GRADUATION:

ENGIN 6 Engr Prob Solving (4) | NO COMPARABLE COURSE

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

for details regarding [UC Davis TAG](#).

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | | |
|------------|--|-----|--|------------------------|----------------------------|------------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |

| | | | | | | |
|----------|-----------------------|-----|----------------------|---|----------------------------|-----|
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| | | | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | | |

| | | | | | | |
|----------|---------------------|-----|---|--|------------|-----|
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | |
| MATH 17C | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | |
| | | | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |

| | | | | | | |
|------------|-----------------|-----|-----------|---|-------------------------------------|-----|
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (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 | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | | |

| | | | | | | |
|-----------|----------------------|-----|------------|---|----------------------------|-----|
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | & | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| | | | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C225 | | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | | |

| | | | | | |
|-----------|------------------|-----|--|--------------|-------------------------|
| | | | | CHEM C220L | Organic Chemistry A (2) |
| | | | | | Lab |
| CHEM 129B | Organic Chem Lab | (2) | | CHEM C220L & | Organic Chemistry A (2) |
| | | | | | Lab |
| | | | | CHEM C225L | Organic Chemistry B (2) |
| | | | | | Lab |

RECOMMENDED:

| | | | | | | |
|----------|----------|-----|--|-----------|------------|-----|
| MATH 21C | Calculus | (4) | | MATH C185 | Calculus 2 | (5) |
|----------|----------|-----|--|-----------|------------|-----|

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

It is also 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 following recommended course articulation.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | | |
|------------|--|-----|--|----------------------|----------------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | & General Chemistry A | (4) |

| | | | | | |
|---------|----------------|-----|------------------------|-------------------------|-----|
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry Lab A | (4) |
| | | | CHEM C185 & CHEM C185L | General Chemistry Lab B | (4) |

| | | | | | |
|---------|--------------------|-----|------------------------|-----------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry Lab | (3) |

| | | | | | |
|-----------|----------------------|-----|------------------------|-----------------------|-----|
| OR | | | OR | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry Lab | (3) |

| | | | | | |
|-----------|----------------------|-----|------------------------|-----------------------|-----|
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry Lab | (3) |
| | | | CHEM C225 & CHEM C225L | Organic Chemistry Lab | (3) |

| | | | | | |
|-----------|----------------------|-----|------------------------|-----------------------|-----|
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry Lab | (3) |
|-----------|----------------------|-----|------------------------|-----------------------|-----|

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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

PHYSICS 1A Principles Physics (3) NO COMPARABLE COURSE

PHYSICS 1B Principles Physics (3) NO COMPARABLE COURSE

| | | | | | |
|------------|-----------------|-----|-----------------------|-----------------------------|-----|
| OR | | | OR | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech | (4) |

| | | | | | |
|------------|-----------------|-----|-----------------------|---------------------------------|-----|
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Elec/Mag | (4) |
|------------|-----------------|-----|-----------------------|---------------------------------|-----|

| | | | | | |
|------------|-----------------|-----|-----------------------|---------------------------------|-----|
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Elec/Mag | (4) |
|------------|-----------------|-----|-----------------------|---------------------------------|-----|

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

RECOMMENDED COURSES FOR THIS MAJOR:

| | | | | | |
|---------|----------------|-----|------------------------|-------------------------|-----|
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry Lab B | (4) |
|---------|----------------|-----|------------------------|-------------------------|-----|

| | | | | | |
|----------|---------------------|-----|--|--|----------------|
| MATH 17C | Calculus for BioSci | (4) | | NO COURSE ARTICULATED: College has not | |
| | | | | submitted course(s) for articulation | |
| | OR | | | OR | |
| MATH 21C | Calculus | (4) | | MATH C185 | Calculus 2 (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 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|-----------|----------------------|-----|------------|---|-----------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry Lab | (2) |
| OR | | | OR | | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | & | Organic Chemistry Lab | (2) |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry Lab | (2) |

| | | | |
|------------|----------------------|-----|--|
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & Organic Chemistry B (3) CHEM C225L Organic Chemistry B (2) Lab |
| 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 C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech |
| | | | PHYS C125 Algebra Based1 (4) Physics: Elec/Mag |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech |
| | | | PHYS C125 Algebra Based1 (4) Physics: Elec/Mag |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech |
| | | | PHYS C125 Algebra Based1 (4) Physics: Elec/Mag |

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

RECOMMENDED COURSES FOR THIS MAJOR:

| | | | |
|----------|----------|-----|--------------------------|
| MATH 21C | Calculus | (4) | MATH C185 Calculus 2 (5) |
|----------|----------|-----|--------------------------|

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

All majors in the College of Engineering are selective and require preparatory coursework for admission. Transfer applicants must earn an overall transfer GPA of 3.10 or higher to be competitive candidates for admission to any engineering

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

IGETC is not required, nor does it improve the likelihood you will be admitted. See additional GE information below.

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

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

We 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | | |
|------------|--|-----|--|---|----------------------------|---------|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| BIOTECH 1Y | Introduction to Biotechnology | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| | | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 & | General Chemistry B | (4) |

| | | | | | |
|-----------|----------------------|-----|------------------------|--|------------|
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| | | | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| | OR | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & CHEM C225 | Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |

| | | | | | |
|----------|---------------------|-----|---|---------------------------------|------------|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 & MATH C140 | Calculus 1 Business Calculus | (5) (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (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 | | |
| | OR | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|-----------------|-----|-----------------------|---|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (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.

COURSEWORK FOR BIOINFORMATICS OPTION:

| | | | |
|------------|---------------------|-----|----------------------|
| ENG CS 20 | C Sci/Discrete Math | (4) | NO COMPARABLE COURSE |
| ENG CS 36A | Programming | (4) | NO COMPARABLE COURSE |
| | Formerly ENG CS 30 | | |

RESTRICTED ELECTIVES FOR BIOINFORMATICS OPTION:

| | | | | | |
|------------|-------------------------|-----|--|----------------------|----------------------|
| ENG CS 36B | Object-Oriented Program | (4) | | NO COMPARABLE COURSE | |
| | Formerly ENG CS 40 | | | | |
| ENG CS 36C | Data Structures | (4) | | ICS C123 | Fundamental Data (3) |
| | Formerly ENG CS 60 | | | | Structures |
| ENG CS 50 | Machine Dependent Prog | (4) | | NO COMPARABLE COURSE | |

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|-----------|----------------------|-----|------------|---------------------|-------------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) | |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| OR | | | OR | | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |

| | | | | | | |
|-----------|----------------------|-----|------------|---|----------------------------|-----|
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |

| | | | | | | |
|----------|---------------------|-----|---|--|------------|-----|
| 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 C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |

| | | | | | | |
|------------|-----------------|-----|-----------|---|-------------------------------------|-----|
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (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 C185 | | Calculus 2 | (5) |
|----------|----------|-----|-----------|--|------------|-----|

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

| | | | | | |
|---------|----------------|-----|--------------|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L & | General Chemistry Lab A | (1) |
| | | | CHEM C185 & | General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |

| | | | | | |
|------------|-----------------------|-----|---|---|------------|
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| OR | | | OR | | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9D | Modern Physics | (4) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22AL | Lin Alg Comp Lab | (1) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| ----- | | | | | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & CHEM C225 | Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | |
|------------|-----------------------|-----|--|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L & General Chemistry (1) Lab A |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L & General Chemistry (1) Lab A CHEM C185 & General Chemistry B (4) CHEM C185L & General Chemistry (1) Lab B |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & General Chemistry B (4) CHEM C185L & General Chemistry (1) Lab B |
| | OR | | OR |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE |
| <hr/> | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |

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

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

| | | | | | |
|------------|---------------------|-----|---|---|-----|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) |
| | | | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| ----- | | | | | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L | & Organic Chemistry A Lab | (2) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

| | | | | | |
|------------|-----------------------|-----|--|---|------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| | OR | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22AL | Lin Alg Comp Lab | (1) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | | |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |

| | | | | | |
|-----------|-------------------|-----|--------------|---------------------|-----|
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | |
| | | | CHEM C220L | Organic Chemistry A | (2) |
| | | | | Lab | |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L & | Organic Chemistry A | (2) |
| | | | | Lab | |
| | | | CHEM C225L | Organic Chemistry B | (2) |
| | | | | Lab | |
| CHEM 129C | Organic Chem Lab | (2) | CHEM C225L | Organic Chemistry B | (2) |
| | | | | Lab | |

RECOMMENDED COURSES:

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

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

| | | | | | |
|-----------|-----------------------|-----|---|--|--------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A General Chemistry Lab A General Chemistry B General Chemistry Lab B | (4) (1) (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| OR | | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|------------|-----------------|-----|-----------------------|--|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |

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

| | | | | | |
|------------|-------------------|-----|----------------------|---------------------------------|-----|
| OR | | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|-----------|---------------------|-----|-----------|---|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (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 | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|-----------------------|-----|-----------|--------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on | (5) | BIOL C180 | Cell and Molecular | (4) |
|------------|-----------------------|-----|-----------|--------------------|-----|

| Earth | | | Biology | | |
|------------|-------------------------|-----|---------------|-----------------------|-----|
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to | (4) |
| | Same as: STATIST 13Y | | | Statistics | |
| | OR | | | OR | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE | COURSE | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A | (2) |
| | | | | Lab | |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A | (2) |
| | | | | Lab | |
| | | | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B | (2) |
| | | | | Lab | |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B | (2) |
| | | | | Lab | |
| | OR | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | |
| | | | CHEM C220L | Organic Chemistry A | (2) |
| | | | | Lab | |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L | & Organic Chemistry A | (2) |
| | | | | Lab | |
| | | | CHEM C225L | Organic Chemistry B | (2) |
| | | | | Lab | |

END OF MAJOR

====Chemistry B.S. (Applied Chemistry: Forensic Chemistry)====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

| | | | | | |
|----------|-----------------------|-----|---|--|--------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A General Chemistry Lab A General Chemistry B General Chemistry Lab B | (4) (1) (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| | OR | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|------------|-----------------|-----|-----------------------|---|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |

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

| | | | | | |
|------------|-------------------|-----|----------------------|------------------------------|-----|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|----------------------------------|-----|---------------|---|-----|
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| ----- | | | | | |
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| ----- | | | | | |
| ENV TOX 20 | Introduction to Forensic Science | (3) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| ----- | | | | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| | OR | | | OR | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE | COURSE | |
| ----- | | | | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| | OR | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L | & Organic Chemistry A Lab | (2) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |

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

| | | | | |
|------------|--------------------|-----|--|---|
| CHICANO 10 | Intro to Chic Std | (4) | | NO COMPARABLE COURSE |
| CHICANO 50 | Chicano Culture | (4) | | 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 Representn in Cinema | (4) | | NO COMPARABLE COURSE |
| CHICANO 65 | New Latin American Cinema | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 70 | Survey Chic Art | (4) | | NO COMPARABLE COURSE |
| CHICANO 73 | Art Expr Silk Scr | (4) | | NO COMPARABLE COURSE |
| SPANISH 1 | Elementary Spanish | (5) | | SPAN C180 Elementary Spanish 1 (5) |
| SPANISH 2 | Elementary Spanish | (5) | | SPAN C180 Elementary Spanish 1 (5) |
| SPANISH 3 | Elementary Spanish | (5) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| SPANISH 28 | Inter Conversation | (2) | | NO COMPARABLE COURSE |
| SPANISH 31 | Int Span Nat Spk I | (5) | | SPAN C165 Spanish for Spanish Speakers 2 (5) |

END OF MAJOR

====Chicana/Chicano Studies A.B. (Social/Policy Studies)====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | |
|------------|--------------------|-----|---|
| CHICANO 10 | Intro to Chic Std | (4) | NO COMPARABLE COURSE |
| CHICANO 50 | Chicano Culture | (4) | 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 Representn in Cinema | (4) | NO COMPARABLE COURSE |
| CHICANO 65 | New Latin American Cinema | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 70 | Survey Chic Art | (4) | NO COMPARABLE COURSE |
| CHICANO 73 | Art Expr Silk Scr | (4) | NO COMPARABLE COURSE |

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) | PSYC C280 Introduction to Research Methods in Psychology (4) |
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE |
| SPANISH 1 | Elementary Spanish | (5) | SPAN C180 Elementary Spanish 1 (5) |
| SPANISH 2 | Elementary Spanish | (5) | SPAN C180 Elementary Spanish 1 (5) |
| SPANISH 3 | Elementary Spanish | (5) | NO COMPARABLE COURSE |
| | OR | | OR |
| SPANISH 28 | Inter Conversation | (2) | NO COMPARABLE COURSE |
| SPANISH 31 | Int Span Nat Spk I | (5) | SPAN C165 Spanish for Spanish Speakers 2 (5) |
| SPANISH 32 | Int Span Nat Spk II | (5) | SPAN C165 Spanish for Spanish Speakers 2 (5) |

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|----------------|-----------------------|-----|-----------------------|----------------------|-----|
| x) CHINESE 1 | Elem Chinese | (5) | CHIN C180 | Elementary Chinese | (5) |
| x) CHINESE 2 | Elem Chinese | (5) | CHIN C180 & CHIN C185 | Elementary Chinese | (5) |
| x) CHINESE 3 | Elem Chinese | (5) | CHIN C185 | Elementary Chinese 2 | (5) |
| x) CHINESE 4 | Inter Chinese | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 5 | Inter Chinese | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 6 | Inter Chinese | (5) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| x) CHINESE 1BL | Accl Wrtn Chinese I | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 2BL | Accl Wrtn Chinese II | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 3BL | Accl Wrtn Chinese III | (5) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| x) CHINESE 1CN | Mand/Cant Spkrs I | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 2CN | Mand/Cant Spkrs II | (5) | NO COMPARABLE COURSE | | |
| x) CHINESE 3CN | Mand/Cant Spkrs III | (5) | NO COMPARABLE COURSE | | |

RECOMMENDED COURSES FOR THIS MAJOR:

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

END OF MAJOR

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

====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 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

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

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

Select two of the following courses:

| | | | |
|----------------------|-----------------|-----|--|
| CINE&TS 40A | Media History I | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |
| Same as: SCI&TEC 40A | | | |
| 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 the Present | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| FILM ST 45 | Vampires | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| Same as: GERMAN 45 | | | submitted course(s) for articulation |

Select two of the following courses:

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

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

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

ONE ADDITIONAL COURSE SELECTED FROM:

| | | | |
|-----------|---------------------------|-----|--|
| ARTHI 1A | Ancient Mediterranean Art | (4) | NO COMPARABLE COURSE |
| CLASSIC 1 | N East/Early Gr | (4) | NO COMPARABLE COURSE |
| CLASSIC 2 | Anc Gr & Near East | (4) | NO COMPARABLE COURSE |
| CLASSIC 3 | Rome & The Mediter | (4) | NO COMPARABLE COURSE |
| CLASSIC 4 | Late Antiquity | (4) | NO COURSE ARTICULATED: College has not |

| | | | |
|------------|--|-----|--|
| | | | submitted course(s) for articulation |
| CLASSIC 10 | Gr, Roman, N East Myth | (3) | NO COMPARABLE COURSE |
| CLASSIC 15 | Women & Gender in Classical Antiquity | (4) | NO COMPARABLE COURSE |
| CLASSIC 20 | Pompeii AD 79 | (4) | NO COMPARABLE COURSE |
| CLASSIC 25 | Classical America | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CLASSIC 30 | Word Roots | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CLASSIC 31 | Technical Word Roots | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CLASSIC 40 | Economy in Ancient Med | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CLASSIC 50 | Ancient Science | (4) | NO COMPARABLE COURSE |
| | Same as: SCI&TEC 50 | | |
| COMPLIT 1 | Major Books-Ancient World | (4) | NO COMPARABLE COURSE |
| PHILOS 21 | Phil Classics: Ancient | (4) | NO COMPARABLE COURSE |
| REL STD 21 | The Bible | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 40 | New Testament | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

END OF MAJOR

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

| | | | | |
|------------|------------------------------------|-----|------------------------|--|
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | |
| | OR | | | |
| UWRITING 1 | Expository Writing | (4) | ENGL C100 | Freshman Composition (3) |
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking (3) |
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |

| | | | | | |
|------------|-----------------------|-----|------------------------|--|------------|
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| ----- | | | | | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| | OR | | | OR | |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |
| ----- | | | | | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| ----- | | | | | |
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| | OR | | | OR | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |
| | OR | | | OR | |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| ----- | | | | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|------------|---------------------------|-----|---|--|-----|
| LINGUIS 1 | Intro Linguistics | (4) | NO COMPARABLE COURSE | | |
| COG SCI 1 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED | | |
| | OR | | | OR | |
| PHILOS 10 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PHILOS 12 | Intro to Symbol Logic | (4) | NO COMPARABLE COURSE | | |
| PHILOS 13G | Minds, Brains Comp w/Disc | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

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)/ UC Davis General Education(GE) Note:

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

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

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

Emphasis 1: Computational

| | | | |
|------------|--------------------------|-----|-------------------------------|
| ENG CS 20 | C Sci/Discrete Math | (4) | NO COMPARABLE COURSE |
| ENG CS 32A | Intro to Programming(4) | | NO COMPARABLE COURSE |
| | Formerly ENG CS 10 | | |
| | OR | | OR |
| ENG CS 36A | Programming | (4) | NO COMPARABLE COURSE |
| | Formerly ENG CS 30 | | |
| ENG CS 34 | UNIX & C++ | (5) | NO COURSE ARTICULATED |
| | OR | | OR |
| ENG CS 36B | Object-Oriented Program | (4) | NO COMPARABLE COURSE |
| | Formerly ENG CS 40 | | |
| ENG CS 50 | Machine Dependent Prog | (4) | NO COMPARABLE COURSE |
| ENG CS 32B | Intro to Data Structures | (4) | |
| | OR | | OR |
| ENG CS 36C | Data Structures | (4) | ICS C123 Fundamental Data (3) |
| | Formerly ENG CS 60 | | Structures |

| | | | |
|-----------|-------------------|-----|----------------------|
| LINGUIS 1 | Intro Linguistics | (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 | Calculus | (4) | MATH C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |

| | | | |
|-----------|------------------|-----|--|
| MATH 22A | Linear Algebra | (3) | MATH C285 Introduction to (5) Linear Algebra and Differential Equations |
| MATH 22AL | Lin Alg Comp Lab | (1) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |

| | | | |
|-----------|-------------------------|-----|--|
| COG SCI 1 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED |
| | OR | | OR |
| PHILOS 10 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED: College has not |

|submitted course(s)for articulation

| | | | |
|------------|------------------------------|-----|--|
| PHILOS 12 | Intro to Symbol Logic | (4) | NO COMPARABLE COURSE |
| PHILOS 13G | Minds, Brains Comp w/Disc | (4) | NO COURSE ARTICULATED:College has not submitted course(s)for articulation |

| | | | |
|----------|--------------------|-----|--|
| PSYCH 1 | General Psychology | (4) | PSYC C100 Introduction to Psychology (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 Introduction to Research Methods in Psychology (4) |

| | | | |
|----------------------|-----------------------|-----|---|
| STATIST 13 | Elementary Statistics | (4) | MATH C160 Introduction to Statistics (4) |
| Same as: STATIST 13Y | | | |

Emphasis 2: Neuroscience

| | | | |
|------------|--|-----|---|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 Diversity of Organisms (5) |

| | | | |
|-----------|-------------------|-----|----------------------|
| LINGUIS 1 | Intro Linguistics | (4) | NO COMPARABLE COURSE |
|-----------|-------------------|-----|----------------------|

| | | | |
|-----------|---------------------|-----|--|
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MATH 17C | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| OR | | | OR |
| MATH 21A | Calculus | (4) | MATH C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |
| MATH 21C | Calculus | (4) | MATH C185 Calculus 2 (5) |

| | | | |
|-----------|-------------------------|-----|---|
| COG SCI 1 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED |
| OR | | | OR |
| PHILOS 10 | Intro Cognitive Science | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |

| | | | |
|------------|------------------------------|-----|--|
| PHILOS 13G | Minds, Brains Comp w/Disc | (4) | NO COURSE ARTICULATED:College has not submitted course(s)for articulation |
|------------|------------------------------|-----|--|

| | | | |
|------------|-------------------|-----|---|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) |
| | | | PHYS C125 Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) |
| | | | PHYS C125 Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) |
| | | | PHYS C125 Algebra Basedl Physics: Elec/Mag (4) |
| OR | | | OR |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 Calculus Based Physics: Mech (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE |

| | | | | | |
|----------------------|-----------------------|-----|-----------|--|-----|
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| Same as: STATIST 13Y | | | | | |

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.

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|----------|--------------------|-----|--|--|--|
| ANTHRO 4 | Anthro Linguistics | (4) | NO COURSE ARTICULATED: College has not | | |
|----------|--------------------|-----|--|--|--|

| | | | | | |
|--------------|------------------------|-----|-----------|--|-----|
| | | | | submitted course(s) for articulation | |
| | OR | | | OR | |
| LINGUIS 1 | Intro Linguistics | (4) | | NO COMPARABLE COURSE | |
| ----- | | | | | |
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| | OR | | | OR | |
| COMUNCN 3 | Intprsnl Com Cmpetnce | (4) | | NO COMPARABLE COURSE | |
| | OR | | | OR | |
| COMUNCN 5 | Global English Comm | (4) | | NO COURSE ARTICULATED:College has not submitted course(s)for articulation | |
| | Same as: LINGUIS 5 | | | | |
| | OR | | | OR | |
| LINGUIS 5 | Global English Comm | (4) | | NO COURSE ARTICULATED:College has not submitted course(s)for articulation | |
| | Same as: COMUNCN 5 | | | | |
| ----- | | | | | |
| COMUNCN 10Y | Intro to Communication | (4) | | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |
| ----- | | | | | |
| B) ENG CS 15 | Intro to Computers | (4) | | 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.

| | | | | | |
|------------|-----------------------|-----|-----------|----------------------------|-----|
| | OR | | | OR | |
| PHILOS 12 | Intro to Symbol Logic | (4) | | NO COMPARABLE COURSE | |
| ----- | | | | | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| ----- | | | | | |
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| ----- | | | | | |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE | |
| | OR | | | OR | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

TWO COURSES FROM THE FOLLOWING:

| | | | | | |
|--------------|---|-----|---|----------------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| COMPLIT 1 | Major Books-Ancient World | (4) | NO COMPARABLE COURSE | | |
| COMPLIT 2 | Major Books-Middle Ages to Enlightenment | (4) | NO COMPARABLE COURSE | | |
| COMPLIT 3 | Major Books-The Modern Crisis | (4) | NO COMPARABLE COURSE | | |
| COMPLIT 4 | Maj Books:Cont Wrld | (4) | NO COMPARABLE COURSE | | |
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | | |
| N A STD 5 | Intro NA Literature | (4) | NO COMPARABLE COURSE | | |
| UWRITING 1 | Expository Writing | (4) | ENGL C100 | Freshman Composition | (3) |
| UWRITING 48 | Style in the Essay Formerly UWRITING 18 | (4) | NO COMPARABLE COURSE | | |
| UWRITING 49 | Writing Research Papers Formerly UWRITING 19 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ----- | | | | | |
| CM&RGDE 1 | The Community | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| CM&RGDE 2 | Ethnicity Amer Comm | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ----- | | | | | |
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | OR | | | OR | |
| B) ENG CS 15 | Intro to Computers | (4) | 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 | (4) | ECON C170 | Principles of Microeconomics | (3) |
| | OR | | | OR | |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |
| ----- | | | | | |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | |
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| ----- | | | | | |
| STATIST 13 | Elementary Statistics Same as: STATIST 13Y | (4) | MATH C160 | Introduction to Statistics | (4) |
| | OR | | | OR | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |

END OF MAJOR

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

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | |
|-----------|--|-----|--|----------------------|
| COMPLIT 1 | Major Books-Ancient World | (4) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| COMPLIT 2 | Major Books-Middle Ages to Enlightenment | (4) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| COMPLIT 3 | Major Books-The Modern Crisis | (4) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| COMPLIT 4 | Maj Books:Cont Wrld | (4) | | NO COMPARABLE COURSE |

TWO COURSES FROM THE FOLLOWING:

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

| | | | | |
|-----------|---------------------|-----|--|----------------------|
| COMPLIT 1 | Major Books-Ancient | (4) | | NO COMPARABLE COURSE |
|-----------|---------------------|-----|--|----------------------|

| | | | |
|-------------|--|-----|--|
| COMPLIT 2 | World 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, Parables | (4) | NO COMPARABLE COURSE |
| COMPLIT 6 | Myths & Legends | (4) | NO COMPARABLE COURSE |
| COMPLIT 7 | Lit:Fant,Supernatl | (4) | NO COMPARABLE COURSE |
| COMPLIT 8 | Utopias Transform | (4) | NO COMPARABLE COURSE |
| COMPLIT 9 | Short Story & Novella | (4) | NO COMPARABLE COURSE |
| COMPLIT 11 | Travel and Modern World | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | Same as: GERMAN 11 | | |
| COMPLIT 12 | Intro Women Writers | (4) | NO COMPARABLE COURSE |
| COMPLIT 13 | Dramatic Lit | (3) | NO COMPARABLE COURSE |
| COMPLIT 14 | Intro Poetry | (3) | NO COMPARABLE COURSE |
| COMPLIT 20 | Humans & Natural World | (4) | NO COMPARABLE COURSE |
| COMPLIT 24 | Animals in Literature | (4) | NO COURSE ARTICULATED:College has not submitted course(s) for articulation |
| COMPLIT 25 | Ethnic Writers | (4) | NO COMPARABLE COURSE |
| COMPLIT 53A | Lit of East Asia | (4) | NO COMPARABLE COURSE |
| COMPLIT 53B | Lit of South Asia | (4) | NO COMPARABLE COURSE |
| COMPLIT 53C | Lit of the Islamic World | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

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

**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:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

When there are more applicants than spaces available in the College of Engineering, priority is given to California community college transfers who have an overall UC transferable GPA of 3.10 or higher and who have completed all lower-division engineering major requirements available at the student's community college with a minimum GPA of 3.20 in these required courses. Contact

your counselor or the UC Davis College of Engineering Undergraduate Office at(530)752-1979, or consult the [College of Engineering website](#) if you have any questions.

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

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

END OF MAJOR

====Computer Science 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.

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 Admission Guarantee (TAG) Note:

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

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

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

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

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

| | | | | | |
|----------|-----------------------|-----|--|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| <hr/> | | | | | |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| <hr/> | | | | | |
| OR | | | OR | | |
| MATH 67 | Modern Linear Algebra | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

| | | | | | |
|------------|-------------------------|-----|--|----------------------|----------------------|
| ENG CS 20 | C Sci/Discrete Math | (4) | | NO COMPARABLE COURSE | |
| ENG CS 36A | Programming | (4) | | NO COMPARABLE COURSE | |
| | Formerly ENG CS 30 | | | | |
| ENG CS 36B | Object-Oriented Program | (4) | | NO COMPARABLE COURSE | |
| | Formerly ENG CS 40 | | | | |
| ENG CS 36C | Data Structures | (4) | | ICS C123 | Fundamental Data (3) |
| | Formerly ENG CS 60 | | | | Structures |
| ENG CS 50 | Machine Dependent Prog | (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.

THREE OF THE FOLLOWING COURSES:

| | | | | | |
|------------|--|-----|--|------------------------|--|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms (5) |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| | | | | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 2AH | Honors Genl Chemistry | (5) | | NO COMPARABLE COURSE | |
| CHEM 2BH | Honors Genl Chemistry | (5) | | NO COMPARABLE COURSE | |
| CHEM 2CH | Honors Genl Chemistry | (5) | | NO COMPARABLE COURSE | |
| PHYSICS 9A | Classical Physics | (5) | | PHYS C185 | Calculus Based Physics: Mech (3) |
| PHYSICS 9B | Classical Physics | (5) | | NO COMPARABLE COURSE | |
| PHYSICS 9C | Classical Physics | (5) | | NO COMPARABLE COURSE | |

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.

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | |
|------------|---------------------------|-----|--|
| DESIGN 1 | Intro to Design | (4) | NO COMPARABLE COURSE |
| DESIGN 14 | Design Drawing | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| DESIGN 21 | Drafting and Perspective | (4) | NO COMPARABLE COURSE |
| DESIGN 15 | Form & Color | (4) | ART C110A & Color and Design: (1.5) 2D ART C110B Color and Design: (1.5) 2D |
| | AND | | AND |
| DESIGN 16 | Graphics & The Computer | (4) | NO COMPARABLE COURSE |
| DESIGN 40A | Energy, Materials, Design | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| DESIGN 40B | Ideologies of Design | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| DESIGN 40C | Design Aesthetics/Exper | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |

TWO COURSES FROM THE FOLLOWING:

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

| | | | |
|------------|--------------------|-----|---|
| ART 12 | Beginning Video | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| DESIGN 40A | Energy, Materials, | (4) | NO COURSE ARTICULATED: College has not |

| | | | |
|---------------------|---|-----|--|
| DESIGN 40B | Design Ideologies of Design | (4) | submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| DESIGN 40C | Design Aesthetics/Exper | (4) | submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| DESIGN 50 | Intro to 3-D Design | (4) | submitted course(s) for articulation NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| DESIGN 70 | Intro Textile Structure | (4) | submitted course(s) for articulation 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 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| UWRITING 12 | Writing/Visual Rhetoric | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| UWRITING 48 | Style in the Essay Formerly UWRITING 18 | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| UWRITING 49 | Writing Research Papers Formerly UWRITING 19 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| END OF MAJOR | | | |

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

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

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|---------------------|------------------------------------|-----|--|---|
| ARTHI 1D | Arts of Asia | (4) | | NO COMPARABLE COURSE |
| CHINESE 7 | Chinese Business Culture | (4) | | NO COURSE ARTICULATED: 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 English) | (4) | | NO COMPARABLE COURSE |
| JPNESE 50 | Intro to Literature | (4) | | NO COMPARABLE COURSE |
| Same as: CHINESE 50 | | | | |
| E ASIAN 88 | Korean Society | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 75 | Introduction to Chinese Philosophy | (4) | | NO COMPARABLE COURSE |

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

| | | | | | | |
|--------------|---------------|-----|--|-------------|----------------------|-----|
| x) CHINESE 1 | Elem Chinese | (5) | | CHIN C180 | Elementary Chinese | (5) |
| x) CHINESE 2 | Elem Chinese | (5) | | CHIN C180 & | Elementary Chinese | (5) |
| | | | | CHIN C185 | Elementary Chinese 2 | (5) |
| | OR | | | OR | | |
| y) JPNESE 1 | Elem Japanese | (5) | | JAPN C180 | Elementary Japanese | (5) |
| y) JPNESE 2 | Elem Japanese | (5) | | JAPN C180 | Elementary Japanese | (5) |

END OF MAJOR

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

====Ecological Management and Restoration B.S.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|------------|--------------------|-----|----------------------|-----------|----------------------------------|-----|
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | | |
| | OR | | | OR | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (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 C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | OR | | MATH C185 | Calculus 2 | (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 | | |
| | OR | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

ENV S&P 1 Env Analysis (4) | NO COURSE ARTICULATED: College has not
| submitted course(s) for articulation

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.

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

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

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

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

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

- Statistics 13

Transfer Admission Guarantee (TAG) Note:

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

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

Education(GE) Note:

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|------------|-------------------------|-----|----------------------|------------------------------|-----|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| | OR | | | OR | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |
| | OR | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

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

| | | | | | |
|----------|----------------|-----|-----------|---|-----|
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |

END OF MAJOR

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|----------------|---|-----|--|----------------------|--|
| ENGLISH 3 | Intro to Lit | (4) | | NO COMPARABLE COURSE | |
| | OR | | | | OR |
| UWRITING 1 | Expository Writing | (4) | | ENGL C100 | Freshman Composition (3) |
| ENGLISH 10A | Literatures in English I: To 1700 | (4) | | ENGL C270 | British Literature to 1800 (3) |
| c) ENGLISH 10B | Literatures in English II: 1700-1900 | (4) | | ENGL C150 | American Literature to the Civil War (3) |
| | | | | OR | |
| | | | | ENGL C275 | British Literature since 1800 (3) |
| c) ENGLISH 10C | Literatures in English III: 1900 to Present | (4) | | ENGL C155 | American Literature 1865 to Present (3) |
| | | | | OR | |
| | | | | ENGL C275 | British Literature since 1800 (3) |

ONE COURSE FROM THE FOLLOWING:

| | | | | | |
|------------|--------------------------|-----|--|---|--|
| ENGLISH 40 | Intro Topics in Lit | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ENGLISH 41 | Intro Topics Lit & Media | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ENGLISH 43 | Intro Topics in Drama | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ENGLISH 44 | Intro Topics in Fiction | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| ENGLISH 45 | Intro Topics in Poetry | (4) | | NO COMPARABLE COURSE | |

END OF MAJOR

c) Students who complete ENGL C275 at Coastline College will receive credit at UC Davis for ENGLISH 10B or 10C, not both.

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

Special Advising Note:

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

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

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

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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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| | | | | | |
|------------|--|-----|---|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | & General Chemistry Lab A | (1) |
| | | | CHEM C185 | & General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| <hr/> | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | & Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| <hr/> | | | | | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| <hr/> | | | | | |
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| <hr/> | | | | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

| | | | |
|------------|-------------------------|-----|---|
| | OR | | OR |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

END OF MAJOR

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

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

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

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GPA and other requirements to obtain a UC Davis TAG 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.

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| | | | |
|------------|------------------------------------|-----|---|
| ENVHORT 1 | Intro Envhort/Urb For | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ENVHORT 6 | Intro Environ Plants | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| LND ARC 30 | History Environ Design | (4) | NO COMPARABLE COURSE |
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE |
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) |

| | | | | | | |
|---------|----------------|-----|--|------------|----------------------------------|-----|
| | | | | CHEM C180L | General Chemistry | (1) |
| | | | | | Lab A | |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | & General Chemistry A | (4) |
| | | | | CHEM C180L | & General Chemistry | (1) |
| | | | | | Lab A | |
| | | | | CHEM C185 | & General Chemistry B | (4) |
| | | | | CHEM C185L | General Chemistry | (1) |
| | | | | | Lab B | |

ENV S&P 1 Env Analysis (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

OR

ENV S&P 10 Current Issues in Environment (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

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

OR

ENV S&P 30 Global Ecosystem (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

Same as: ENV SC&M 30

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

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

PL SCI 21 Computers in Technology (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation

MATH 16A Short Calculus (3) | MATH C140 Business Calculus (4)

OR

MATH C180 Calculus 1 (5)

OR

STATIST 13 Elementary Statistics (4) | MATH C160 Introduction to Statistics (4)

Same as: STATIST 13Y

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

URBAN LANDSCAPE MANAGEMENT OPTION

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

RECOMMENDED COURSES:

COMUNCN 1 Intro Public Spkg (4) | CMST C110 Public Speaking (3)

END OF MAJOR

===Environmental Policy Analysis & Planning B.S.===

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

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| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| COMUNCN 1 | Intro Public Spkg OR | (4) | CMST C110 | Public Speaking | (3) |
| COMUNCN 3 | Intprsnl Com Cmpetnce OR | (4) | NO COMPARABLE COURSE | | |
| DRAMART 10 | Intro To Acting | (4) | THEA C106 | Acting Fundamentals | (3) |
| BIOLSCI 2A | Intro Biology:Life on Earth OR | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 10 | Everyday Biology | (4) | BIOL C100 | Introduction to Biology | (3) |

| | | | | | |
|---------|-----------------------------|-----|------------------------|--|------------|
| CHEM 2A | Genl Chemistry OR | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 10 | Concept of Chem | (4) | NO COMPARABLE COURSE | | |

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

| | | | | | |
|------------|---|-----|------------------------|--|------------|
| BIOLSCI 2B | Intro Biology: Ecology & Evolution OR | (5) | NO COMPARABLE COURSE | | |
| CHEM 2B | Genl Chemistry OR | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | |

ONE COURSE FROM THE FOLLOWING:

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

| | | | | | |
|---------|--------------------|-----|-----------|------------------------------|-----|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |

ONE COURSE FROM THE FOLLOWING:

| | | | | | |
|------------|--|-----|---|--|--|
| AN SCI 1 | Domest Ani & People | (4) | NO COMPARABLE COURSE | | |
| ATM SCI 60 | Intro to Atmospheric Science | (4) | NO COMPARABLE COURSE | | |
| GEOLOGY 1 | The Earth | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PL SCI 12 | Plants and Society Same as: SCI&SOC 12 FORMERLY PLANT BIO 12 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| W&F BIO 51 | Intro to Conservation Biology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

| | | | | |
|------------|-------------------------|-----|---|-------------------------|
| ENV S&P 1 | Env Analysis | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus (4) |
| | | | <u>OR</u> | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 (5) |
| | | | MATH C140 | Business Calculus (4) |
| | | | <u>OR</u> | |
| | | | MATH C185 | Calculus 2 (5) |
| | <u>OR</u> | | | <u>OR</u> |
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| | <u>OR</u> | | | <u>OR</u> |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 (5) |
| POL SCI 1 | Amer Natl Govt | (4) | PSCI C180 | American Government (3) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to (4) |
| | Same as: STATIST 13Y | | | Statistics |
| | <u>OR</u> | | | <u>OR</u> |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | |

CLIMATE CHANGE POLICY AREA:

| | | | | |
|------------|-----------------------|-----|---|--|
| SCI&SOC 25 | Global Climate Change | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
|------------|-----------------------|-----|---|--|

END OF MAJOR

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

Special Advising Note:

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

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

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

| | | | | | |
|-------------|--|-----|----------------------|----------------------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| | OR | | | OR | |
| COMUNCN 3 | Intprsnl Com Cmpetnce | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| DRAMART 10 | Intro To Acting | (4) | THEA C106 | Acting Fundamentals | (3) |
| BIOLSICI 2A | Intro Biology: Life on Earth | (5) | BIOI C180 | Cell and Molecular Biology | (4) |
| BIOLSICI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSICI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOI C185 | Diversity of Organisms | (5) |

| | | | |
|-----------|-----------------------|-----|--|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L General Chemistry (1) Lab A |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L & General Chemistry (1) Lab A CHEM C185 & General Chemistry B (4) CHEM C185L General Chemistry (1) Lab B |
| OR | | | OR |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE |

| | | | |
|------------|------------------|-----|---|
| GEOLOGY 1 | The Earth | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| OR | | | OR |
| GEOLOGY 50 | Physical Geology | (3) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |

| | | | |
|------------|--------------------|-----|---|
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE |
| OR | | | OR |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & Algebra Based (4) Physics: Mech PHYS C125 Algebra Basedl (4) Physics: Elec/Mag |

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

| | | | |
|---------|--------------------|-----|---|
| ECON 1A | Princ of Microecon | (4) | ECON C170 Principles of (3) Microeconomics |
|---------|--------------------|-----|---|

| | | | |
|-----------|---------------------|-----|---|
| MATH 16A | Short Calculus | (3) | MATH C140 Business Calculus (4) OR |
| MATH 16B | Short Calculus | (3) | MATH C180 Calculus 1 (5) MATH C140 Business Calculus (4) OR MATH C185 Calculus 2 (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 | Calculus | (4) | MATH C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |

| | | | |
|-----------|--------------|-----|---|
| ENV S&P 1 | Env Analysis | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
|-----------|--------------|-----|---|

RECOMMENDED COURSES FOR THIS MAJOR:

| | | | | |
|----------|-----------------------|-----|--|-------------------------------------|
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 & General Chemistry B (4) |
| | | | | CHEM C185L General Chemistry (1) |
| | | | | Lab B |
| | OR | | | OR |
| CHEM 2CH | Honors Genl Chemistry | (5) | | NO COMPARABLE COURSE |

PREPARATION FOR GRADUATION:

| | | | | |
|------------|-----------------------|-----|--|-------------------------------|
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 Introduction to (4) |
| | Same as: STATIST 13Y | | | Statistics |

ECOLOGY, BIODIVERSITY, AND CONSERVATION TRACK:

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

CLIMATE CHANGE AND AIR QUALITY TRACK:

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

WATERSHED SCIENCE TRACK:

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

END OF MAJOR

====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 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|------------|-----------------------|-----|--|--|--------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L CHEM C185 & CHEM C185L | General Chemistry A General Chemistry Lab A General Chemistry B General Chemistry Lab B | (4) (1) (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| OR | | | OR | | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L CHEM C225 & CHEM C225L | Organic Chemistry A Organic Chemistry A Lab Organic Chemistry B Organic Chemistry B Lab | (3) (2) (3) (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| OR | | | OR | | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & CHEM C225 | Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |
| 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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (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.

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

It is also 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 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

| | | | | | | |
|------------|--|-----|--|------------------------|----------------------------|---------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 & | General Chemistry A | (4) |

| | | | | | | |
|------------|---------------------|-----|---|---|-------------------------|-----|
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| ----- | | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| ----- | | | | | | |
| 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 | |
| MATH 21A | Calculus | (4) | MATH C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |
| ----- | | | | | | |
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | | |
| ----- | | | | | | |

RECOMMENDED:

| | | | | | | |
|----------|---------------------|-----|---|--|------------|-----|
| MATH 17C | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | |
| | | | | | OR | |
| MATH 21C | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | | |
|------------|--|-----|--|------------------------|--|------------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|-----------|----------------------|-----|------------|---|-------------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| | OR | | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | & | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |

| | | | | | | |
|----------|---------------------|-----|---|--|------------|-----|
| 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 C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |

| | | | | | | |
|------------|-----------------|-----|-----------|---|----------------------------------|-----|
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (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 C185 | | Calculus 2 | (5) |

END OF MAJOR

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |

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

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|--------------|--------------------|-----|----------------------|--|--|--|
| B) ENG CS 15 | Intro to Computers | (4) | NO COMPARABLE COURSE | | | |
| | OR | | OR | | | |
| ENG CS 36A | Programming | (4) | NO COMPARABLE COURSE | | | |
| | Formerly ENG CS 30 | | | | | |

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 C140 | | Business Calculus | (4) |
| | | | <u>OR</u> | | | |
| | | | MATH C180 | | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | | Business Calculus | (4) |
| | | | <u>OR</u> | | | |
| | | | MATH C185 | | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | MATH C185 | | Calculus 2 | (5) |
| | OR | | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | | Calculus 2 | (5) |

| | | | | | | |
|------------|-----------------|-----|-----------|---|----------------------------------|-----|
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |

It is highly recommended that students complete an entire physics series at

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

| | | | | | |
|------------|-----------------------|-----|----------------------|---------------------------------|-----|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| ----- | | | | | |
| TEX&CL 6 | Intro Textiles | (4) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| TEX&CL 8 | Textile Apparel Ind | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| ENGIN 45 | Prop of Mats | (4) | NO COMPARABLE COURSE | | |
| ----- | | | | | |

PREPARATION FOR GRADUATION:

| | | | | | |
|-----------|-------------------|-----|---------------------------------------|--|-------------------|
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & CHEM C225 | Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | | | |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L & CHEM C225L | Organic Chemistry A Lab Organic Chemistry B Lab | (2) (2) (2) |
| ----- | | | | | |

ELECTIVE COURSES:

| | | | | | |
|-----------|-------------------------|-----|--|--|------------|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |
| ----- | | | | | |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 OR MATH C285 | Calculus 3 Introduction to Linear Algebra and Differential Equations | (5) (5) |
| ----- | | | | | |
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ----- | | | | | |

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:

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

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

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

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

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

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

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

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

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

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

| | | | | | |
|------------|-----------------------------|-----|------------|--------------------------------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) |
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & General Chemistry A | (4) |
| | | | CHEM C180L | & General Chemistry Lab A | (1) |
| | | | CHEM C185 | & General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| | AND | | | AND | |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C220L | Organic Chemistry Lab | (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry Lab | (2) |
| | AND | | | AND | |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | & Organic Chemistry Lab | (2) |
| | | | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry Lab | (2) |
| | OR | | | OR | |

| | | | | | |
|-----------|---------------------------------|-----|-------------------------------------|--|------------|
| CHEM 128A | Organic Chemistry AND | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry AND | (3) | CHEM C220 & CHEM C225 | Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |

| | | | | | |
|------------|-----------------|-----|-------------------------------------|---|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (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.

| | | | | | |
|------------|---|-----|----------------------|-------------------------------|-----|
| FD S&T 50 | Intro Food Preservation | (3) | NO COMPARABLE COURSE | | |
| STATIST 13 | Elementary Statistics Same as: STATIST 13Y | (4) | MATH C160 | Introduction to Statistics | (4) |

| | | | | | |
|---------|--------------------------|-----|----------------------|--|--|
| NUTR 10 | Discoveries and Concepts | (3) | NO COMPARABLE COURSE | | |
|---------|--------------------------|-----|----------------------|--|--|

| | | | | | |
|---|---------------------------------|-----|---------------------------------------|--|------------|
| RECOMMENDED FOR STUDENTS INTENDING TO PURSUE GRADUATE OR PROFESSIONAL STUDIES: | | | | | |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| | OR | | | OR | |
| CHEM 128C | Organic Chemistry AND | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L & CHEM C225L | Organic Chemistry A Lab Organic Chemistry B Lab | (2) (2) |
| | AND | | | AND | |
| CHEM 129C | Organic Chem Lab | (2) | CHEM C225L | Organic Chemistry B Lab | (2) |

END OF MAJOR

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

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | |
|-----------|-------------------|-----|----------------------|
| FRENCH 1 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 2 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 3 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 21 | Intermed French | (5) | NO COMPARABLE COURSE |
| FRENCH 22 | Intermed French | (5) | NO COMPARABLE COURSE |
| FRENCH 23 | Intermed French | (5) | NO COMPARABLE COURSE |

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

END OF MAJOR

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

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | |
|------------|----------------------|-----|----------------------|
| WOM STD 50 | Intro Gender Studies | (4) | NO COMPARABLE COURSE |
| WOM STD 60 | Feminist Critiques | (4) | NO COMPARABLE COURSE |
| WOM STD 70 | Sexual:Thry&Hist | (4) | NO COMPARABLE COURSE |

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 | (5) | ANTH C100 Cultural Anthropology (3) |
| ANTHRO 20 | Comparative Cultures | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ANTHRO 30 | Sexualities | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |

| | | | | |
|--------------|-----------------------------------|-----|---|-----|
| A A STD 1 | Hist Exp Asian Am | (4) | NO COMPARABLE COURSE | |
| A A STD 2 | Contemp Issues of Asian Americans | (4) | NO COMPARABLE COURSE | |
| CHICANO 10 | Intro to Chic Std | (4) | NO COMPARABLE COURSE | |
| CHICANO 21 | Hlth Care Issues | (4) | NO COMPARABLE COURSE | |
| CHICANO 50 | Chicano Culture | (4) | NO COMPARABLE COURSE | |
| COMPLIT 12 | Intro Women Writers | (4) | NO COMPARABLE COURSE | |
| DRAMART 1 | Theatre, Performance and Culture | (4) | NO COMPARABLE COURSE | |
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | |
| HISTORY 72A | Am Women & Gender | (4) | NO COMPARABLE COURSE | |
| HISTORY 72B | Am Women & Gender | (4) | HIST C121 History of American Women | (3) |
| HISTORY 85 | Nat,Man&Mach/Amer | (4) | NO COMPARABLE COURSE | |
| N A STD 10 | NA Experience | (4) | NO COMPARABLE COURSE | |
| N A STD 32 | NA Music & Dance | (4) | NO COMPARABLE COURSE | |
| POL SCI 7 | Law & Politics | (4) | NO COMPARABLE COURSE | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 Introduction to Psychology | (3) |
| SCI&TEC 1 | Intro Sci & Tech Std | (4) | NO COMPARABLE COURSE | |
| SCI&TEC 2 | Intro History of Science | (4) | | |
| SCI&TEC 20 | Sci & Tec Std Methods | (4) | NO COMPARABLE COURSE | |
| SCI&TEC 32 | Drugs, Science and Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| | Same as: ANTHRO 32 | | | |
| SOCIOLOG 2 | Self and Society | (4) | NO COMPARABLE COURSE | |
| SOCIOLOG 3 | Social Problems | (4) | SOC C185 Analysis of Social Problems | (3) |
| SOCIOLOG 11 | Sociology of Labor and Employment | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| SOCIOLOG 30A | Multicultural Societies | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| SOCIOLOG 30B | Multicultural Societies | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| TEX&CL 7 | Style & Cult Std | (4) | NO COMPARABLE COURSE | |
| UWRITING 49 | Writing Research Papers | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |
| | Formerly UWRITING 19 | | | |
| WOM STD 20 | Cult Repr of Gndr | (4) | NO COMPARABLE COURSE | |

END OF MAJOR

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

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have

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

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

It is also 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | | |
|------------|-----------------------------|-----|--|-----------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
|------------|-----------------------------|-----|--|-----------|----------------------------|-----|

| | | | | |
|------------|--|-----|------------------------|---|
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms (5) |
| <hr/> | | | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| | OR | | | OR |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | |
| <hr/> | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B (3) Organic Chemistry A Lab (2) |
| | OR | | | OR |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |
| | | | CHEM C225 & CHEM C225L | Organic Chemistry B (3) Organic Chemistry B Lab (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B (3) Organic Chemistry B Lab (2) |
| <hr/> | | | | |
| 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 C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 (5) |
| <hr/> | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (4) |

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

| | | | | | |
|-------------|------------------------|-----|--|---|-----------------|
| GEOLOGY 3 | History of Life | (3) | | NO COMPARABLE COURSE | |
| GEOLOGY 3L | History of Life Lab | (1) | | NO COMPARABLE COURSE | |
| GEOLOGY 50 | Physical Geology | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| GEOLOGY 50L | Physical Geol Lab | (2) | | GEOL C105L | Geology Lab (1) |
| GEOLOGY 60 | Earth Materials: Intro | (4) | | NO COMPARABLE COURSE | |

| | | | | | |
|----------|----------------|-----|--|-----------|-----------------------|
| MATH 16A | Short Calculus | (3) | | MATH C140 | Business Calculus (4) |
| | | | | <u>OR</u> | |
| | | | | MATH C180 | Calculus 1 (5) |
| MATH 16B | Short Calculus | (3) | | MATH C140 | Business Calculus (4) |
| | | | | <u>OR</u> | |
| | | | | MATH C185 | Calculus 2 (5) |
| | <u>OR</u> | | | <u>OR</u> | |
| MATH 21A | Calculus | (4) | | MATH C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | | MATH C185 | Calculus 2 (5) |

| | | | | | |
|---------|----------------|-----|--|------------|--------------------------------------|
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | <u>&</u> General Chemistry A (4) |
| | | | | CHEM C180L | General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | <u>&</u> General Chemistry A (4) |
| | | | | CHEM C180L | General Chemistry Lab A (1) |
| | | | | CHEM C185 | <u>&</u> General Chemistry B (4) |
| | | | | CHEM C185L | General Chemistry Lab B (1) |

| | | | | | |
|------------|-----------------|-----|--|-----------|--|
| PHYSICS 7A | General Physics | (4) | | PHYS C120 | <u>&</u> Algebra Based Physics: Mech (4) |
| | | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | | PHYS C120 | <u>&</u> Algebra Based Physics: Mech (4) |
| | | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag (4) |

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| | | | | | |
|------------|-------------------------|-----|--|----------------------|--------------------------------|
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 | Introduction to Statistics (4) |
| | Same as: STATIST 13Y | | | | |
| | <u>OR</u> | | | <u>OR</u> | |
| STATIST 32 | Gateway to Data Science | (4) | | NO COMPARABLE COURSE | |

END OF MAJOR

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

Special Advising Note:

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Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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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| | | | | | |
|-------------|-----------------------|-----|--|---|-----------------|
| GEOLOGY 3 | History of Life | (3) | | NO COMPARABLE COURSE | |
| GEOLOGY 3L | History of Life Lab | (1) | | NO COMPARABLE COURSE | |
| GEOLOGY 50 | Physical Geology | (3) | | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |
| GEOLOGY 50L | Physical Geol Lab | (2) | | GEOL C105L | Geology Lab (1) |
| GEOLOGY 60 | Earth Materials:Intro | (4) | | NO COMPARABLE COURSE | |
| GEOLOGY 62 | Optical Mineralogy | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |

| | | | | | |
|----------|----------|-----|--|-----------|----------------|
| MATH 21A | Calculus | (4) | | MATH C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | | MATH C185 | Calculus 2 (5) |
| MATH 21C | Calculus | (4) | | MATH C185 | Calculus 2 (5) |

| | | | | | | | |
|---------|----------------|-----|--|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A | (4) |
| | | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A | (4) |
| | | | | CHEM C180L | & | General Chemistry Lab A | (1) |
| | | | | CHEM C185 | & | General Chemistry B | (4) |
| | | | | CHEM C185L | | General Chemistry Lab B | (1) |

SELECT ONE OF THE FOLLOWING THREE OPTIONS:

GENERAL GEOLOGY OPTION:

| | | | | | | | |
|---------|----------------|-----|--|------------|---|---------------------|-----|
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 | & | General Chemistry B | (4) |
| | | | | CHEM C185L | | General Chemistry | (1) |

| | | | | | |
|------------|-------------------------|-----|----------------------|-------------------|-----|
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | Lab B | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & | Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & | Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & | Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |

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

| | | | | | |
|------------|-------------------|-----|----------------------|----------------|-----|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based | (3) |
| | | | | Physics: Mech | |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

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

GEOCHEMISTRY/PETROLOGY OPTION:

| | | | | | |
|------------|-------------------------|-----|----------------------|---------------------|-----|
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & | General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry | (1) |
| | | | | Lab B | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based | (3) |
| | | | | Physics: Mech | |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |

QUANTITATIVE/GEOPHYSICS OPTION:

| | | | | | |
|------------|-------------------|-----|----------------------|--------------------|-----|
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to | (5) |
| | | | | Linear Algebra and | |
| | | | | Differential | |
| | | | | Equations | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based | (3) |
| | | | | Physics: Mech | |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

END OF MAJOR

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

Special Advising Note:

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

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

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

END OF MAJOR

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

Special Advising Note:

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

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| | | | |
|------------|--|-----|--|
| GDISBIO 90 | Intro Global Disease Bio | (1) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| SCI&SOC 13 | Disease and Society | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 Diversity of Organisms (5) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & General Chemistry A (4) CHEM C180L & General Chemistry Lab A (1) CHEM C185 & General Chemistry B (4) CHEM C185L General Chemistry Lab B (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & General Chemistry B (4) CHEM C185L General Chemistry Lab B (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 Organic Chemistry A (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & Organic Chemistry B (3) CHEM C220L Organic Chemistry Lab A (2) |
| | OR | | OR |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & Organic Chemistry A (3) CHEM C220L Organic Chemistry Lab A (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & Organic Chemistry A (3) CHEM C220L & Organic Chemistry Lab A (2) CHEM C225 & Organic Chemistry B (3) CHEM C225L Organic Chemistry Lab B (2) |
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MATH 17C | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) PHYS C125 Algebra Based1 Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) |

PHYS C125 Algebra Based1 (4)
Physics: Elec/Mag

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PREPARATION FOR GRADUATION:

STATIST 13 Elementary Statistics (4) | MATH C160 Introduction to (4)
Same as: STATIST 13Y | Statistics

END OF MAJOR

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

Special Advising Note:

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College Foreign Language Requirement Note:

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

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

A. AFRICA

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

B. ASIA

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

C. EUROPE

HISTORY 4A Western Civ (4) | NO COMPARABLE COURSE
 HISTORY 4B Western Civ (4) | HIST C180 & Western Civilization (3)
 | 1
 | HIST C185 Western Civilization (3)
 | 2
 HISTORY 4C Western Civ (4) | HIST C185 Western Civilization (3)
 | 2

D. LATIN AMERICA

HISTORY 7A Latin America to 1700 (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation
 HISTORY 7B Latin America 1700-1900 (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation
 HISTORY 7C Latin America (4) | NO COURSE ARTICULATED: College has not
 | 1900-Present submitted course(s) for articulation

E. MIDDLE EAST

HISTORY 6 Intro to Middle East (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation

F. UNITED STATES

HISTORY 17A U.S. History (4) | HIST C170 United States History (3)
 | to 1876
 HISTORY 17B U.S. History (4) | HIST C175 United States History (3)
 | since 1876
 HISTORY 18A Race in America to 1865 (4) | NO COURSE ARTICULATED
 HISTORY 72A Am Women & Gender (4) | NO COMPARABLE COURSE
 HISTORY 72B Am Women & Gender (4) | HIST C121 History of American (3)
 | Women
 HISTORY 80 US in the Middle East (2) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation
 HISTORY 85 Nat, Man & Mach/Amer (4) | NO COMPARABLE COURSE

G. WORLD

HISTORY 1 Introduction to History (2) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation
 HISTORY 2 Intro History of Science (4) | NO COURSE ARTICULATED
 HISTORY 3 Cities: Survey of World (4) | NO COMPARABLE COURSE

| Cultures | | | | | |
|-------------|----------------------------|-----|---|-----------------|-----|
| HISTORY 10A | World History to 1350 | (4) | HIST C161 | World History 1 | (3) |
| HISTORY 10B | World History 1350-1850 | (4) | HIST C162 | World History 2 | (3) |
| HISTORY 10C | World History III | (4) | HIST C162 | World History 2 | (3) |
| HISTORY 11 | Hist Jewish People | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| HISTORY 12 | Food and History | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| HISTORY 13 | Global Sexualities | (4) | NO COURSE ARTICULATED | | |
| HISTORY 14 | Hist Global Capitalism | (4) | NO COURSE ARTICULATED | | |
| HISTORY 20 | The Vietnam War | (4) | NO COURSE ARTICULATED | | |
| HISTORY 90 | Research in History | (4) | NO COURSE ARTICULATED | | |

END OF MAJOR

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

Special Advising Note:

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

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

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

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

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

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

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

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

Select two of the following courses:

| | | | | | |
|-----------|-----------------------|-----|--|------------------------|--|
| ANTHRO 1 | Human Evol Biol | (4) | | ANTH C185 | Physical Anthropology (3) |
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology (3) |
| ANTHRO 15 | Human Life Cycle | (5) | | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |

Select one course from:

| | | | | | |
|------------|--|-----|--|------------------------|--|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology (4) |
| | OR | | | OR | |
| BIOLSCI 10 | Everyday Biology | (4) | | BIOL C100 | Introduction to Biology (3) |
| | OR | | | OR | |
| MIC BIO 10 | Natural History of Infectious Diseases | (3) | | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| | OR | | | OR | |
| NE PH B 12 | Human Brain and Disease | (3) | | NO COMPARABLE COURSE | |
| MOL&CB 10 | Intro Human Heredity | (4) | | NO COMPARABLE COURSE | |

Select one course from:

| | | | | | |
|-------------|--------------|-----|--|-----------|--------------------------------------|
| HISTORY 17A | U.S. History | (4) | | HIST C170 | United States History (3) to 1876 |
| | OR | | | OR | |
| HISTORY 17B | U.S. History | (4) | | HIST C175 | United States History (3) since 1876 |

| | | | | | |
|-------------|-------------------|-----|--|----------------------|-------------------------------|
| | OR | | | OR | |
| HISTORY 72A | Am Women & Gender | (4) | | NO COMPARABLE COURSE | |
| | OR | | | OR | |
| HISTORY 72B | Am Women & Gender | (4) | | HIST C121 | History of American Women (3) |
| | OR | | | OR | |
| POL SCI 1 | Amer Natl Govt | (4) | | PSCI C180 | American Government (3) |

Select two of the following courses:

| | | | | | |
|-----------|----------------------|-----|--|---|---------------------------------|
| PHILOS 5 | Critical Reasoning | (4) | | PHIL C115 | Logic and Critical Thinking (3) |
| PHILOS 15 | Intro to Bioethics | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PHILOS 30 | Intro Philos of Sci | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PHILOS 31 | Scientific Reason | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PHILOS 32 | Scientific Change | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PHILOS 38 | Intro Philos of Biol | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |

| | | | | | |
|------------|-------------------|-----|--|-----------|--|
| NE PH B 10 | Elem Human Physio | (3) | | BIOL C221 | Introduction to Anatomy and Physiology (3) |
| | | | | OR | |
| | | | | BIOL C220 | Human Anatomy (4) |

| | | | | | |
|---------|--------------------|-----|--|-----------|--------------------------------|
| PSYCH 1 | General Psychology | (4) | | PSYC C100 | Introduction to Psychology (3) |
|---------|--------------------|-----|--|-----------|--------------------------------|

Select one of the following options:

| | | | | | |
|------------|-----------------------|-----|--|---|--|
| PSYCH 41 | Research Methods | (4) | | PSYC C280 | Introduction to Research Methods in Psychology (4) |
| | OR | | | OR | |
| SOCIOL 46A | Intro Social Rsch | (4) | | NO COMPARABLE COURSE | |
| | AND | | | AND | |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE | |
| | OR | | | OR | |
| STATIST 10 | Statist Thinking | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| | OR | | | OR | |
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 | Introduction to Statistics (4) |
| | Same as: STATIST 13Y | | | | |

END OF MAJOR

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

Special Advising Note:

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

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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.

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

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

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| | | | | | |
|-------------|------------------------------------|-----|---|---|------------|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| GEOLOGY 50 | Physical Geology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| GEOLOGY 50L | Physical Geol Lab | (2) | GEOL C105L | Geology Lab | (1) |
| ENGIN 6 | Engr Prob Solving | (4) | NO COMPARABLE COURSE | | |

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

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

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

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

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

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

| | | | | |
|------------|---------------------------|-----|---|----------------------------------|
| INT AG 10 | Intro Intl Ag Development | (4) | NO COMPARABLE COURSE | |
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| SOILSCI 10 | Soils in Our Environment | (3) | NO COMPARABLE COURSE | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics (3) |
| | AND | | | AND |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics (3) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics (4) |
| | Same as: STATIST 13Y | | | |
| | OR | | | OR |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus (4) |
| | | | OR | |
| | | | MATH C180 | Calculus 1 (5) |
| CM&RGDE 1 | The Community | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |

SIX QUARTER UNITS FROM THE FOLLOWING:

| | | | | |
|------------|-------------------------------|-----|---|--|
| AGRESEC 15 | Pop, Envr, World Agri | (4) | NO COMPARABLE COURSE | |
| AN SCI 41 | Domestic Ani Prod | (2) | NO COMPARABLE COURSE | |
| AN SCI 41L | Domest An Prod Lab | (2) | NO COMPARABLE COURSE | |
| CM&RGDE 20 | Food Systems | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| NUTR 10 | Discoveries and Concepts | (3) | NO COMPARABLE COURSE | |
| PL SCI 1 | Agr Nature & Society | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PL SCI 15 | Intro Sustainable Agriculture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| PL SCI 49 | Org Crop Prod Prac | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |

FOREIGN LANGUAGE REQUIREMENT:

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

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

AREAS OF SPECIALIZATION:

AGRICULTURAL PRODUCTION OPTION:

| | | | | |
|------------|------------------------------------|-----|----------------------|--------------------------------|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | |

| | | | | | |
|---------|----------------|-----|---|--|--------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A General Chemistry Lab A General Chemistry B General Chemistry Lab B | (4) (1) (4) (1) |

TRADE AND ECONOMIC DEVELOPMENT OPTION:

| | | | | | |
|------------|-----------------------|-----|-----------------------|---|------------|
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| SOCIOL 1 | Intro Sociology | (5) | MATH C185 SOC C100 | Calculus 2 Introduction to Sociology | (5) (3) |
| | | | <u>OR</u> | | |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| AGRESEC 15 | Pop, Envr, World Agri | (4) | NO COMPARABLE COURSE | | |

ENVIRONMENTAL ISSUES OPTION:

| | | | | | |
|------------|------------------------------------|-----|---|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| ENV S&P 1 | Env Analysis | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

RURAL COMMUNITIES OPTION:

| | | | | | |
|----------|-----------------------|-----|-----------|---------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |
| HISTORY 4C | Western Civ | (4) | HIST C185 | Western Civilization 2 | (3) |
| | OR | | | OR | |
| HISTORY 10C | World History III | (4) | HIST C162 | World History 2 | (3) |
| POL SCI 2 | Intro Comp Politics | (4) | PSCI C185 | Comparative Politics | (3) |
| POL SCI 3 | Internatl Relations | (4) | NO COMPARABLE COURSE | | |
| POL SCI 12Y | Data Visualization | (4) | NO COURSE ARTICULATED: College has not Same as: COMUNCN 12Y, PSYCH 12Y submitted course(s) for articulation | | |
| | OR | | | OR | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| | OR | | | OR | |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |
| POL SCI 51 | Scientific Study of Politics | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

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

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

| | | | | | |
|----------|-------------------|-----|---|--|--|
| ARABIC 1 | Elementary Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|----------|-------------------|-----|---|--|--|

| | | | |
|----------------|----------------------------|-----|---|
| ARABIC 2 | Elem Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 3 | Elem Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 21 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 22 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 23 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| OR | | | OR |
| x) CHINESE 1 | Elem Chinese | (5) | CHIN C180 Elementary Chinese (5) |
| x) CHINESE 2 | Elem Chinese | (5) | CHIN C180 & Elementary Chinese (5) |
| | | | CHIN C185 Elementary Chinese 2 (5) |
| x) CHINESE 3 | Elem Chinese | (5) | CHIN C185 Elementary Chinese 2 (5) |
| x) CHINESE 4 | Inter Chinese | (5) | NO COMPARABLE COURSE |
| x) CHINESE 5 | Inter Chinese | (5) | NO COMPARABLE COURSE |
| x) CHINESE 6 | Inter Chinese | (5) | NO COMPARABLE COURSE |
| OR | | | OR |
| x) CHINESE 1CN | Mand/Cant Spkrs I | (5) | NO COMPARABLE COURSE |
| x) CHINESE 2CN | Mand/Cant Spkrs II | (5) | NO COMPARABLE COURSE |
| x) CHINESE 3CN | Mand/Cant Spkrs III | (5) | NO COMPARABLE COURSE |
| OR | | | OR |
| x) CHINESE 1BL | Accl Wrtn Chinese I | (5) | NO COMPARABLE COURSE |
| x) CHINESE 2BL | Accl Wrtn Chinese II | (5) | NO COMPARABLE COURSE |
| x) CHINESE 3BL | Accl Wrtn Chinese III | (5) | NO COMPARABLE COURSE |
| OR | | | OR |
| FRENCH 1 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 2 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 3 | Elementary French | (5) | NO COMPARABLE COURSE |
| FRENCH 21 | Intermed French | (5) | NO COMPARABLE COURSE |
| FRENCH 22 | Intermed French | (5) | NO COMPARABLE COURSE |
| OR | | | OR |
| GERMAN 1 | Elementary German | (5) | NO COMPARABLE COURSE |
| GERMAN 2 | Elementary German | (5) | NO COMPARABLE COURSE |
| GERMAN 3 | Elementary German | (5) | NO COMPARABLE COURSE |
| GERMAN 20 | Intermediate German | (4) | NO COMPARABLE COURSE |
| GERMAN 21 | Intermediate German | (4) | NO COMPARABLE COURSE |
| OR | | | OR |
| HEBREW 1 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 2 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 3 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 21 | Intermed Modern Hebrew I | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HEBREW 22 | Intermed Modern Hebrew II | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HEBREW 23 | Intermed Modern Hebrew III | (4) | NO COURSE ARTICULATED |
| OR | | | OR |
| HIN-URD 1 | Elem Hindi/Urdu I | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 2 | Elem Hindi/Urdu II | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 3 | Elem Hindi/Urdu III | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 21 | Intermed Hindi/Urdu I | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 22 | Intermed Hindi/Urdu II | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 23 | Intermed Hindi/Urdu III | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| OR | | | OR |

| | | | | | |
|-------------|-------------------------|-----|---|----------------------|-----|
| ITALIAN 1 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 2 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 3 | Elementary Italian | (5) | NO COMPARABLE COURSE | | |
| ITALIAN 4 | Interm Italian | (4) | NO COMPARABLE COURSE | | |
| ITALIAN 5 | Interm Italian | (4) | NO COMPARABLE COURSE | | |
| OR | | | OR | | |
| ITALIAN 1 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 2 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 3 | Elementary Italian | (5) | NO COMPARABLE COURSE | | |
| ITALIAN 8A | Italian Convers | (3) | NO COMPARABLE COURSE | | |
| ITALIAN 8B | Italian Convers | (3) | NO COMPARABLE COURSE | | |
| OR | | | OR | | |
| y) JPNESE 1 | Elem Japanese | (5) | JAPN C180 | Elementary Japanese | (5) |
| y) JPNESE 2 | Elem Japanese | (5) | JAPN C180 | Elementary Japanese | (5) |
| 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 | | |
| OR | | | OR | | |
| PORTUG 1 | Elementary Portuguese | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PORTUG 2 | Elementary Portuguese | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PORTUG 3 | Elementary Portuguese | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PORTUG 21 | Intermediate Portuguese | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PORTUG 22 | Intermediate Portuguese | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| OR | | | OR | | |
| RUSSIAN 1 | Elementary Russian | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| RUSSIAN 2 | Elementary Russian | (5) | NO COMPARABLE COURSE | | |
| RUSSIAN 3 | Elementary Russian | (5) | NO COMPARABLE COURSE | | |
| RUSSIAN 4 | Intermed Russian | (4) | NO COMPARABLE COURSE | | |
| RUSSIAN 5 | Intermed Russian | (4) | NO COMPARABLE COURSE | | |

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

| | | | | | |
|------------|----------------------|-----|----------------------|--------------------------------|-----|
| OR | | | OR | | |
| SPANISH 1 | Elementary Spanish | (5) | SPAN C180 | Elementary Spanish 1 | (5) |
| SPANISH 2 | Elementary Spanish | (5) | SPAN C180 | Elementary Spanish 1 | (5) |
| SPANISH 3 | Elementary Spanish | (5) | NO COMPARABLE COURSE | | |
| SPANISH 21 | Intm Spanish | (5) | NO COMPARABLE COURSE | | |
| SPANISH 22 | Intm Spanish | (5) | NO COMPARABLE COURSE | | |
| OR | | | OR | | |
| SPANISH 31 | Int Span Nat Spk I | (5) | SPAN C165 | Spanish for Spanish Speakers 2 | (5) |
| SPANISH 32 | Int Span Nat Spk II | (5) | SPAN C165 | Spanish for Spanish Speakers 2 | (5) |
| SPANISH 33 | Int Span Nat Spk III | (5) | NO COMPARABLE COURSE | | |

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

prerequisite.

END OF MAJOR

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

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also

available from our TAG website.

| | | | | | |
|-----------|--------------------|-----|----------------------|----------------------|-----|
| ITALIAN 1 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 2 | Elementary Italian | (5) | ITAL C180 | Elementary Italian 1 | (5) |
| ITALIAN 3 | Elementary Italian | (5) | NO COMPARABLE COURSE | | |
| ITALIAN 4 | Interm Italian | (4) | NO COMPARABLE COURSE | | |
| ITALIAN 5 | Interm Italian | (4) | NO COMPARABLE COURSE | | |
| ITALIAN 9 | Reading Italian | (4) | NO COMPARABLE COURSE | | |

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

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

| | | | | | |
|-------------|----------------|-----|----------------------|---------------------|-----|
| y) JPNESE 1 | Elem Japanese | (5) | JAPN C180 | Elementary Japanese | (5) |
| y) JPNESE 2 | Elem Japanese | (5) | JAPN C180 | Elementary Japanese | (5) |
| y) JPNESE 3 | Elem Japanese | (5) | NO COMPARABLE COURSE | | |
| y) JPNESE 4 | Inter Japanese | (5) | NO COMPARABLE COURSE | | |
| y) JPNESE 5 | Inter Japanese | (5) | NO COMPARABLE COURSE | | |
| y) JPNESE 6 | Inter Japanese | (5) | NO COMPARABLE COURSE | | |

RECOMMENDED COURSES FOR THIS MAJOR:

| | | | | | |
|--------------------|---------------------------------|-----|----------------------|--|--|
| JPNESE 10 | Masterworks in English | (4) | NO COMPARABLE COURSE | | |
| JPNESE 25 | Language & Culture (in English) | (4) | NO COMPARABLE COURSE | | |
| CHINESE 10 | Modern Lit (in Engl) | (4) | NO COMPARABLE COURSE | | |
| CHINESE 11 | Gt Bks China (Engl) | (4) | NO COMPARABLE COURSE | | |
| CHINESE 50 | Intro to Literature | (4) | NO COMPARABLE COURSE | | |
| Same as: JPNESE 50 | | | | | |
| LINGUIS 1 | Intro Linguistics | (4) | NO COMPARABLE COURSE | | |
| 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.

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

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

 COMUNCN 1 Intro Public Spkg (4) | CMST C110 Public Speaking (3)

ENGLISH 3 Intro to Lit (4) | NO COMPARABLE COURSE
 OR

UWRITING 1 Expository Writing (4) | ENGL C100 Freshman Composition (3)
 OR

UWRITING 48 Style in the Essay (4) | NO COMPARABLE COURSE
 Formerly UWRITING 18
 OR

UWRITING 49 Writing Research Papers (4) | NO COURSE ARTICULATED: College has not
 Formerly UWRITING 19 | submitted course(s) for articulation

BIOLSCI 2B Intro Biology: Ecology (5) | NO COMPARABLE COURSE
 & Evolution |

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

ONE COURSE FROM THE FOLLOWING:

MATH 16A Short Calculus (3) | MATH C140 Business Calculus (4)
 OR

STATIST 13 Elementary Statistics (4) | MATH C180 Calculus 1 (5)
 Same as: STATIST 13Y | MATH C160 Introduction to (4)
 Statistics

ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE
 Formerly ENG CS 10 |

ONE COURSE FROM THE FOLLOWING:

CHEM 2A Genl Chemistry (5) | CHEM C180 & General Chemistry A (4)
 | CHEM C180L General Chemistry (1)
 | Lab A

CHEM 10 Concept of Chem (4) | NO COMPARABLE COURSE

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

PHYSICS 10 Topics, Nonscientists (4) | PHYS C185 Calculus Based (3)
 | Physics: Mech

GEOLOGY 1 The Earth (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation

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

 LND ARC 1 Intro Environ Design (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation

LND ARC 2 Place, Culture, Community (4) | NO COMPARABLE COURSE

LND ARC 3 Sustainable Development (4) | NO COURSE ARTICULATED: College has not
 | submitted course(s) for articulation

LND ARC 21 Landscape Rep I (4) | NO COMPARABLE COURSE
 Formerly Design Visualization |

LND ARC 23 Landscape Rep II (3) | NO COURSE ARTICULATED

LND ARC 30 History Environ Design (4) | NO COMPARABLE COURSE

LND ARC 50 Site Ecology (4) | NO COMPARABLE COURSE

LND ARC 60 Landform Grading Studio (6)|NO COMPARABLE COURSE
LND ARC 70 Intro to Spacemaking (4)|NO COMPARABLE COURSE

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

Two courses in Social Sciences selected from the UC Davis GE/Breadth Articulation Agreement TB: Social Sciences.

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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.

Special Advising Note for Future Applicants*

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

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

Strive to achieve your highest possible GPA in order to be most competitive. Transfer students must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for the course groups. Additionally, transfer applicants must have already achieved the required GPA in any of these courses that have been completed at the time the transfer academic update is submitted. Courses must be taken for a letter grade, with no grade less than C. (Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents).

- Mathematics 16A/B or Mathematics 17A/B or Mathematics 21A/B
- Economics 1A/B
- Statistics 13

*Information for future applicants is subject to change.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

| | | | | | |
|------------|-----------------------|-----|----------------------|-----------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| | OR | | | OR | |
| COMUNCN 3 | Intprsnl Com Cmpetnce | (4) | NO COMPARABLE COURSE | | |
| <hr/> | | | | | |
| AGRESEC 18 | Business Law | (4) | NO COMPARABLE COURSE | | |
| <hr/> | | | | | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of | (3) |
| | | | | Microeconomics | |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of | (3) |
| | | | | Macroeconomics | |

| | | | | |
|--------------|-------------------------|-----|--|---|
| PL SCI 21 | Computers in Technology | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | | OR |
| B) ENG CS 15 | Intro to Computers | (4) | | 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.

| | | | | | | |
|------------|-----------------------|-----|--|---|-----------------------|-----|
| MGMT 11A | Elem Accounting | (4) | | ACCT C101 | Financial Accounting | (4) |
| MGMT 11B | Elem Accounting | (4) | | ACCT C102 | Managerial Accounting | (4) |
| ----- | | | | | | |
| MATH 16A | Short Calculus | (3) | | MATH C140 | Business Calculus | (4) |
| | | | | OR | | |
| | | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | | MATH C140 | Business Calculus | (4) |
| | | | | OR | | |
| | | | | MATH C185 | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | | MATH C185 | Calculus 2 | (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 | | |
| | OR | | | OR | | |
| MATH 21A | Calculus | (4) | | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | | MATH C185 | Calculus 2 | (5) |
| ----- | | | | | | |
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 | Introduction to | (4) |
| | Same as: STATIST 13Y | | | | Statistics | |

END OF MAJOR

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

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

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

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

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

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|--------------|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| | | | CHEM C185 | | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 | & | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|----------|---------------------|-----|---|-------------------|------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) | |
| MATH 16B | Short Calculus | (3) | OR | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) | |
| MATH 16C | Short Calculus | (3) | OR | MATH C185 | Calculus 2 | (5) |
| | | | MATH C185 | Calculus 2 | (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 | | | |
| MATH 21A | Calculus | (4) | OR | MATH C180 | Calculus 1 | (5) |
| | | | MATH C185 | Calculus 2 | (5) | |
| | | | MATH C185 | Calculus 2 | (5) | |

| | | | | | | |
|------------|-----------------|-----|-----------|--------------|----------------------------------|-----|
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl Physics: Elec/Mag | (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | | Algebra Basedl | (4) |

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

| | | | | | | |
|------------|-------------------|-----|--|----------------------|----------------|-----|
| | OR | | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | | PHYS C185 | Calculus Based | (3) |
| | | | | | Physics: Mech | |
| PHYSICS 9B | Classical Physics | (5) | | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | | NO COMPARABLE COURSE | | |

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.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

| | | | | | |
|------------|--|-----|----------------------|------------------------|-----|
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|------------|--------------------|-----|------------------------|--|------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| AND | | | AND | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry Lab | (3) (2) |

| | | | | | |
|-----------|---------------------|-----|---|------------|-----|
| 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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|-----------------|-----|-----------------------|---|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |

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

| | | | | | |
|------------|-------------------|-----|----------------------|------------------------------|-----|
| OR | | | OR | | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

STRONGLY RECOMMENDED:

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

English Composition Requirement for the Bachelor's Degree:

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

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

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

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

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

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

| | | | | | | |
|------------|--|-----|--|----------------------|----------------------------|-----------------------------|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | | |
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A (4) |
| | | | | CHEM C180L | | General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A (4) |
| | | | | CHEM C180L | & | General Chemistry Lab A (1) |
| | | | | CHEM C185 | & | General Chemistry B (4) |
| | | | | CHEM C185L | | General Chemistry Lab B (1) |
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 | & | General Chemistry B (4) |
| | | | | CHEM C185L | | General Chemistry Lab B (1) |
| <hr/> | | | | | | |
| MATH 16A | Short Calculus | (3) | | MATH C140 | Business Calculus | (4) |

| | | | | | | | |
|------------|---------------------|-----|---|----------------------------------|-----|-----------|-----------------------|
| | | | | <u>OR</u> | | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) | MATH C140 | Business Calculus (4) |
| | | | | <u>OR</u> | | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) | MATH C185 | Calculus 2 (5) |
| | | | | <u>OR</u> | | | |
| MATH 17A | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | | |
| MATH 17B | Calculus for Biosci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | | |
| MATH 17C | Calculus for BioSci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | | |
| | | | | <u>OR</u> | | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) | | |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) | | |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) | | |
| ----- | | | | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & Algebra Based Physics: Mech | (4) | | |
| | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag | (4) | | |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & Algebra Based Physics: Mech | (4) | | |
| | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag | (4) | | |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & Algebra Based Physics: Mech | (4) | | |
| | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag | (4) | | |

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

| | | | | | | | |
|------------|-------------------|-----|----------------------|------------------------------|-----|--|--|
| | | | | <u>OR</u> | | | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) | | |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | | | |

STRONGLY RECOMMENDED:

| | | | | | | | |
|------------|-----------------|-----|---|--|--|--|--|
| EVOL&EC 12 | Life in the Sea | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | | |
| GEOLOGY 16 | The Oceans | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | | | |

END OF MAJOR

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

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

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students

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

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

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

| | | | | | | |
|------------|--|-----|--|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | | |
|---------|----------------|-----|--|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A | (4) |
| | | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | & | General Chemistry A | (4) |
| | | | | CHEM C180L | & | General Chemistry | (1) |

| | | | | | |
|---------|----------------|-----|--|------------|---------------------------|
| | | | | Lab A | |
| | | | | CHEM C185 | & General Chemistry B (4) |
| | | | | CHEM C185L | General Chemistry (1) |
| | | | | | Lab B |
| CHEM 2C | Genl Chemistry | (5) | | CHEM C185 | & General Chemistry B (4) |
| | | | | CHEM C185L | General Chemistry (1) |
| | | | | | Lab B |

| | | | | | |
|----------|---------------------|-----|--|-----------|---|
| MATH 16A | Short Calculus | (3) | | MATH C140 | Business Calculus (4) |
| | | | | OR | |
| | | | | MATH C180 | Calculus 1 (5) |
| MATH 16B | Short Calculus | (3) | | MATH C140 | Business Calculus (4) |
| | | | | OR | |
| | | | | MATH C185 | Calculus 2 (5) |
| MATH 16C | Short Calculus | (3) | | MATH C185 | Calculus 2 (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 C180 | Calculus 1 (5) |
| MATH 21B | Calculus | (4) | | MATH C185 | Calculus 2 (5) |
| MATH 21C | Calculus | (4) | | MATH C185 | Calculus 2 (5) |

| | | | | | |
|------------|-----------------|-----|--|-----------|--------------------------------------|
| PHYSICS 7A | General Physics | (4) | | PHYS C120 | & Algebra Based Physics: Mech (4) |
| | | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | | PHYS C120 | & Algebra Based Physics: Mech (4) |
| | | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7C | General Physics | (4) | | PHYS C120 | & Algebra Based Physics: Mech (4) |
| | | | | PHYS C125 | Algebra Basedl Physics: Elec/Mag (4) |

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

| | | | | | |
|------------|-------------------|-----|--|----------------------|----------------------------------|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | | PHYS C185 | Calculus Based Physics: Mech (3) |
| PHYSICS 9B | Classical Physics | (5) | | NO COMPARABLE COURSE | |
| PHYSICS 9C | Classical Physics | (5) | | NO COMPARABLE COURSE | |

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

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

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Mathematical & Scientific Computation B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|-----------|---------------------|-----|-----------|---|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (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 | |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| 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 C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| | AND | | | AND | |
| MATH 108 | Intro Abstract Math | (4) | This course must be taken at UC Davis | | |

OR SELECT THE FOLLOWING COURSE:

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

| | | | | | |
|------------|----------------------|-----|----------------------|--|--|
| ENG CS 32A | Intro to Programming | (4) | NO COMPARABLE COURSE | | |
| | Formerly ENG CS 10 | | | | |

| | | | | | |
|---------|-------------------|-----|----------------------|--|--|
| ENGIN 6 | Engr Prob Solving | (4) | NO COMPARABLE COURSE | | |
|---------|-------------------|-----|----------------------|--|--|

END OF MAJOR

====Mathematical Analytics and Operations Research B.S.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|-----------|---------------------|-----|---|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| 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 C285 | Introduction to | (5) |
| | | | | | Linear Algebra and | |
| | | | | | Differential | |
| | | | | | Equations | |
| | AND | | | | AND | |
| MATH 108 | Intro Abstract Math | (4) | | This course must be taken at UC Davis | | |

OR SELECT THE FOLLOWING COURSE:

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

| | | | | | | |
|------------|-------------------------|-----|--|----------------------|-----------|--|
| ENG CS 32A | Intro to Programming(4) | (4) | | NO COMPARABLE COURSE | | |
| | Formerly ENG CS 10 | | | | | |
| | OR | | | | OR | |
| ENGIN 6 | Engr Prob Solving | (4) | | NO COMPARABLE COURSE | | |

| | | | | | | |
|---------|--------------------|-----|--|-----------|----------------|-----|
| ECON 1A | Princ of Microecon | (4) | | ECON C170 | Principles of | (3) |
| | | | | | Microeconomics | |
| ECON 1B | Princ of Macroecon | (4) | | ECON C175 | Principles of | (3) |
| | | | | | Macroeconomics | |

| | | | | | | |
|------------|-------------------------|-----|--|----------------------|--|--|
| STATIST 32 | Gateway to Data Science | (4) | | NO COMPARABLE COURSE | | |
|------------|-------------------------|-----|--|----------------------|--|--|

END OF MAJOR

====Mathematics A.B.====

Special Advising Note:

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

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

Special Advising Note for future applicants:*

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

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

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

- Mathematics 21A/B/C/D
- Mathematics 22A or Mathematics 67
- Mathematics 22B

*Information for future applicants is subject to change

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|----------|---------------------|-----|-----------|------------|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |

OR

| | | | | | |
|--|--|--|-----------|--|-----|
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
|--|--|--|-----------|--|-----|

| | | | | | |
|-----------|------------------|-----|--|--|--|
| 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 C285 | Introduction to Linear Algebra and Differential Equations | (5) |
|----------|----------------|-----|-----------|--|-----|

*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.

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

| | | | | | |
|-----------|---------------------|-----|--|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| 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 C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| | AND | | AND | | |
| MATH 108 | Intro Abstract Math | (4) | This course must be taken at UC Davis | | |

OR SELECT THE FOLLOWING COURSE:

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

ENG CS 32A Intro to Programming(4) | NO COMPARABLE COURSE
Formerly ENG CS 10

OR OR

ENGIN 6 Engr Prob Solving (4) | NO COMPARABLE COURSE

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

PLAN 1: GENERAL MATHEMATICS

PHYSICS 9A Classical Physics (5) | PHYS C185 Calculus Based (3)
Physics: Mech

PLAN 2: MATHEMATICS FOR SECONDARY TEACHING

PHYSICS 7A General Physics (4) | PHYS C120 & Algebra Based (4)
Physics: Mech

| PHYS C125 Algebra Based1 (4)
Physics: Elec/Mag

OR OR

PHYSICS 9A Classical Physics (5) | PHYS C185 Calculus Based (3)
Physics: Mech

OR OR

STATIST 13 Elementary Statistics (4) | MATH C160 Introduction to (4)
Same as: STATIST 13Y Statistics

OR OR

STATIST 32 Gateway to Data Science (4) | NO COMPARABLE COURSE

END OF MAJOR

====Mechanical Engineering B.S.====

Special Advising Note:

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

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

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

Special Advising Note:

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

examinations may satisfy UC Davis course equivalents.

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

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

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

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

Transfer Admission Guarantee (TAG) Note:

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

General Education (GE) Note:

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

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

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

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

END OF MAJOR

====Medieval and Early Modern Studies A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [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 C100 & | History and | (3) |
| | | | | Appreciation of Art 1 | |
| | | | ART C101 | History and | (3) |
| | | | | Appreciation of Art 2 | |
| ARTHI 1C | Baroque to Modern Art | (4) | ART C100 & | History and | (3) |
| | | | | Appreciation of Art 1 | |

| | | | | | |
|-------------|---|-----|----------------------|--|-----|
| | | | ART C101 | History and Appreciation of Art 2 | (3) |
| ARTHI 1E | Islamic Art & Architecture | (4) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| COMPLIT 2 | Major Books-Middle Ages to Enlightenment | (4) | NO COMPARABLE COURSE | | |
| COMPLIT 10A | Master Authors | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| COMPLIT 10B | Master Authors | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| COMPLIT 10C | Master Authors | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| COMPLIT 10D | Master Authors | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| COMPLIT 10E | Master Authors | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| ENGLISH 10A | Literatures in English I: To 1700 | (4) | ENGL C270 | British Literature to 1800 | (3) |
| GERMAN 48 | Myth & Saga | (4) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| HISTORY 4A | Western Civ | (4) | NO COMPARABLE COURSE | | |
| HISTORY 4B | Western Civ | (4) | HIST C180 | & Western Civilization 1 | (3) |
| | | | HIST C185 | Western Civilization 2 | (3) |
| HUMAN 1 | Humanities Forum | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| HUMAN 9 | Don Quixote | (2) | NO COURSE | ARTICULATED: College has not submitted course(s) for articulation | |
| PHILOS 21 | Phil Classics: Ancient | (4) | NO COMPARABLE COURSE | | |
| PHILOS 22 | Phil Classics: Modern | (4) | NO COMPARABLE COURSE | | |

Language proficiency is a desideratum; courses in Latin and other European languages are strongly recommended, particularly for students planning to pursue graduate studies in the medieval or early modern field.

END OF MAJOR

====Microbiology A.B.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.50 for each of the three course groups. It is recommended that candidates have already achieved the minimum required GPAs for the courses in the groups below

that have been completed by the time of application and maintain them through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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

It is also 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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology: Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | | |
|---------|----------------|-----|------------|---|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A | (4) |
| | | | CHEM C180L | | General Chemistry Lab A | (1) |
| | | | CHEM C185 | | General Chemistry B | (4) |
| | | | CHEM C185L | | General Chemistry Lab B | (1) |

| | | | | | | |
|-----------|----------------------|-----|------------|---------------------|-------------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) | |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| OR | | | OR | | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B Lab | (2) |

| | | | | | |
|-----------|---------------------|-----|---|------------|-----|
| 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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|--------------------|-----|--|---------------------------|-----|
| PHYSICS 1A | Principles Physics | (3) | | NO COMPARABLE COURSE | |
| PHYSICS 1B | Principles Physics | (3) | | NO COMPARABLE COURSE | |
| | OR | | | OR | |
| PHYSICS 7A | General Physics | (4) | | PHYS C120 & Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | | PHYS C125 Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |
| PHYSICS 7B | General Physics | (4) | | PHYS C120 & Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | | PHYS C125 Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |
| PHYSICS 7C | General Physics | (4) | | PHYS C120 & Algebra Based | (4) |
| | | | | Physics: Mech | |
| | | | | PHYS C125 Algebra Based1 | (4) |
| | | | | Physics: Elec/Mag | |

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

===Microbiology B.S.===

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|------------------------|----------------------------|---------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & | General Chemistry B | (4) |

| | | | | | |
|------------|----------------------|-----|---|---|------------|
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| | | | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B Organic Chemistry B Lab | (3) (2) |
| 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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (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.

| | | |
|---------------------------|-----|-----------------------|
| MIC BIO 91 Intro Research | (1) | NO COURSE ARTICULATED |
|---------------------------|-----|-----------------------|

RECOMMENDED:

| | | | | | |
|----------|----------|-----|-----------|------------|-----|
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (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:

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

| | | | |
|-----------|----------------------|-----|---|
| HISTORY 6 | Intro to Middle East | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HISTORY 8 | Indian Civilization | (4) | NO COMPARABLE COURSE |

TWO YEARS (OR THE EQUIVALENT) OF ARABIC, HEBREW, OR HINDI/URDU:

| | | | |
|-----------|-------------------|-----|---|
| ARABIC 1 | Elementary Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 2 | Elem Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 3 | Elem Arabic | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 21 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 22 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ARABIC 23 | Intermed Arabic | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

| OR | | | OR |
|------------|----------------------------|-----|---|
| HEBREW 1 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 2 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 3 | Elem Hebrew | (5) | NO COMPARABLE COURSE |
| HEBREW 21 | Intermed Modern Hebrew I | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HEBREW 22 | Intermed Modern Hebrew II | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HEBREW 23 | Intermed Modern Hebrew III | (4) | NO COURSE ARTICULATED |
| OR | | | OR |
| HIN-URD 1 | Elem Hindi/Urdu I | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 2 | Elem Hindi/Urdu II | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 3 | Elem Hindi/Urdu III | (5) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 21 | Intermed Hindi/Urdu I | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 22 | Intermed Hindi/Urdu II | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HIN-URD 23 | Intermed Hindi/Urdu III | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

OTHER MIDDLE EAST/SOUTH ASIA STUDIES REGIONAL LANGUAGES ACCEPTED WITH PETITION.

ADDITIONAL ELECTIVES:

| | | | |
|-------------|-----------------------------------|-----|---|
| ARTHI 1E | Islamic Art & Architecture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CLASSIC 1 | N East/Early Gr | (4) | NO COMPARABLE COURSE |
| COMPLIT 53B | Lit of South Asia | (4) | NO COMPARABLE COURSE |
| COMPLIT 53C | Lit of the Islamic World | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 21 | The Bible | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 23 | Intro Judaism | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 60 | Introduction to Islam | (4) | NO COMPARABLE COURSE |
| REL STD 65C | The Qur'an and Its Interpretation | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 68 | Hinduism | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

Or additional lower-division courses in a Middle Eastern or South Asian language

END OF MAJOR

====Music A.B.====

Special Advising Note:

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

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | |
|----------|---------------------|-----|---|
| MUSIC 2A | Keyboard Competence | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MUSIC 2B | Keyboard Competence | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MUSIC 2C | Keyboard Competence | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

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

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

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

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

| | | | |
|-----------|---------------------------|-----|---|
| MUSIC 17A | Intermediate Musicianship | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MUSIC 17B | Intermediate Musicianship | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| MUSIC 17C | Intermediate Musicianship | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

STUDENTS MAY PASS OUT OF ONE OR MORE QUARTERS OF MUSIC 17A-C THROUGH EXAMINATION

| | | | |
|-----------|---------------------|-----|----------------------|
| MUSIC 24A | Intro Music History | (3) | NO COMPARABLE COURSE |
| MUSIC 24B | Intro Music History | (3) | NO COMPARABLE COURSE |
| MUSIC 24C | Intro Music History | (3) | NO COMPARABLE COURSE |

END OF MAJOR

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

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG 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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| | | | |
|------------|-----------------------------|-----|---|
| N A STD 1 | Intro NA Studies | (4) | NO COMPARABLE COURSE |
| N A STD 10 | NA Experience | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| N A STD 12 | Native Amer/Indigenous Film | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

ONE OR TWO COURSES FROM:

| | | | |
|------------|-----------------------------|-----|---|
| N A STD 5 | Intro NA Literature | (4) | NO COMPARABLE COURSE |
| N A STD 12 | Native Amer/Indigenous Film | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| N A STD 32 | NA Music & Dance | (4) | NO 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 | Intro Afro Studies | (4) | NO COMPARABLE COURSE |
| AF-AMST 52 | Afr Tradit Relig | (4) | NO COMPARABLE COURSE |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 Cultural Anthropology (3) |
| ANTHRO 20 | Comparative Cultures | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ANTHRO 24 | Ancient Crops and People | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| A A STD 1 | Hist Exp Asian Am | (4) | NO COMPARABLE COURSE |
| A A STD 2 | Contemp Issues of Asian Americans | (4) | NO COMPARABLE COURSE |
| A A STD 4 | Asian Amer Cultural Studies | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| CHICANO 10 | Intro to Chic Std | (4) | NO COMPARABLE COURSE |
| CHICANO 21 | Hlth Care Issues | (4) | NO COMPARABLE COURSE |
| CHICANO 23 | Qualitative Research Methods | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| COMPLIT 25 | Ethnic Writers | (4) | NO COMPARABLE COURSE |
| CM&RGDE 2 | Ethnicity Amer Comm | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ENV S&P 10 | Current Issues in Environment | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| ENV S&P 10 | not open for credit to students 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 1900-Present | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HISTORY 17A | U.S. History | (4) | HIST C170 United States History (3) to 1876 |
| LINGUIS 1 | Intro Linguistics | (4) | NO COMPARABLE COURSE |

END OF MAJOR

====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 2019-20)

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

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

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

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

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

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. See the [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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--|-----|------------------------|---|---------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |
| <hr/> | | | | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |
| <hr/> | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Organic Chemistry A | (3) (2) |

| | | | | | | |
|------------|----------------------|-----|---|------------|---------------------|-----|
| CHEM 118B | Org Chem, Hlth & Sci | (4) | | | Lab | |
| | | | CHEM C220 | & | Organic Chemistry A | (3) |
| | | | CHEM C220L | & | Organic Chemistry A | (2) |
| | | | | | Lab | |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | | | | |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B | (2) |
| | | | | | Lab | |
| | | | CHEM C225 | & | Organic Chemistry B | (3) |
| | | | CHEM C225L | | Organic Chemistry B | (2) |
| | | | | | Lab | |
| ----- | | | | | | |
| 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 C180 | Calculus 1 | | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | | (5) |
| ----- | | | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 | & | Algebra Based | (4) |
| | | | | | Physics: Mech | |
| PHYSICS 7B | General Physics | (4) | PHYS C120 | & | Algebra Based | (4) |
| | | | | | Physics: Mech | |
| PHYSICS 7C | General Physics | (4) | PHYS C120 | & | Algebra Based | (4) |
| | | | | | Physics: Mech | |
| | | | PHYS C125 | | Algebra Based1 | (4) |
| | | | | | Physics: Elec/Mag | |

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

====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 highly recommended that students complete a series in general chemistry and a series in organic chemistry before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

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

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

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

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

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

| | | | | | | |
|------------|-----------------------------|-----|--|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology | (5) | | NO COMPARABLE COURSE | | |

| | | | | | |
|------------|---|-----|-------------------------|--|------------|
| BIOLSCI 2C | & Evolution Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |
| ----- | | | | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 CHEM C180L | & General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 CHEM C180L | & General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 CHEM C185L | & General Chemistry B General Chemistry Lab B | (4) (1) |
| ----- | | | | | |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 CHEM C220L | & Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| OR | | | OR | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 CHEM C220L | & Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 CHEM C220L | & Organic Chemistry A Organic Chemistry A Lab | (3) (2) |
| OR | | | OR | | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 CHEM C225 | & Organic Chemistry A Organic Chemistry B | (3) (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |
| ----- | | | | | |
| NUTR 10 | Discoveries and Concepts | (3) | NO COMPARABLE COURSE | | |
| ----- | | | | | |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| OR | | | OR | | |
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE | | |

**The remaining preparatory subject matter is based on which
major option you choose:**

| NUTRITIONAL BIOLOGY OPTION: | | | | | |
|------------------------------------|-----------------------|-----|-----------|--------------------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| OR | | | OR | | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| OR | | | OR | | |
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| OR | | | OR | | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | <u>OR</u> | | |
| | | | MATH C185 | Calculus 2 | (5) |

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

NUTRITION IN PUBLIC HEALTH OPTION:

| | | | | | |
|----------|-----------------------|-----|-----------|-----------------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| | <u>OR</u> | | | <u>OR</u> | |
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| | <u>OR</u> | | | <u>OR</u> | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |

| | | | | | |
|---------|--------------------|-----|-----------|------------------------------|-----|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |

| | | | | | |
|---------|--------------------|-----|-----------|----------------------------|-----|
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
|---------|--------------------|-----|-----------|----------------------------|-----|

LOWER-DIVISION ELECTIVES BY AREA FOR THE NUTRITION IN PUBLIC HEALTH OPTION:

Agricultural and Health Policy Area:

| | | | | | |
|------------|---------------------|-----|----------------------|--|--|
| AGRESEC 15 | Pop,Envr,World Agri | (4) | NO COMPARABLE COURSE | | |
|------------|---------------------|-----|----------------------|--|--|

Cultural Diversity and Community Change Area:

| | | | | | |
|------------|---------------------------|-----|---|--|--|
| AMR STD 55 | Food in Amer Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | Same as: FD S&T 55 | | | | |
| CM&RGDE 2 | Ethnicity Amer Comm | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| INT AG 10 | Intro Intl Ag Development | (4) | NO COMPARABLE COURSE | | |

Natural and Applied Sciences Area:

| | | | | | |
|------------|--------------------|-----|---|--|--|
| CM&RGDE 20 | Food Systems | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | | |
| PHILOS 15 | Intro to Bioethics | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SCI&SOC 2 | Feeding the Planet | (3) | NO COMPARABLE COURSE | | |

END OF MAJOR

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

Special Advising Note:

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

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

enrollment.

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)/ UC Davis General Education(GE) Note:

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

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

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

| | | | | | |
|----------|-----------------------|-----|------------------------|--|------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| | OR | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2CH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|------------|-----------------|-----|-----------------------|--|------------|
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Basedl Physics: Elec/Mag | (4) (4) |

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

| | | | | | |
|------------|-------------------|-----|----------------------|------------------------------|-----|
| | OR | | | OR | |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |

| | | | | | |
|----------|---------------------|-----|-----------|---|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) |
| | | | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |

| | | | | | |
|------------|--|-----|----------------------|--------------------------------------|-----|
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| | OR | | | OR | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C220L | & Organic Chemistry A Lab | (2) |
| | | | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 | & Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| | OR | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 | & Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 128C | Organic Chemistry | (3) | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 129B | Organic Chem Lab | (2) | CHEM C220L | & Organic Chemistry A Lab | (2) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| CHEM 129C | Organic Chem Lab | (2) | CHEM C225L | Organic Chemistry B Lab | (2) |

END OF MAJOR

====Philosophy A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

GENERAL EMPHASIS:

PHILOS 12 Intro to Symbol Logic (4)|NO COMPARABLE COURSE

AND ONE COURSE FROM ANY THREE OF THE FOLLOWING AREAS

a. GENERAL PHILOSOPHY

PHILOS 1 Intro to Philos (4)|PHIL C100 Introduction to Philosophy (3)

b. ANCIENT PHILOSOPHY

PHILOS 21 Phil Classics: Ancient (4)|NO COMPARABLE COURSE

c. EARLY MODERN PHILOSOPHY

PHILOS 22 Phil Classics: Modern (4)|NO COMPARABLE COURSE

d. PHILOSOPHY OF MIND

PHILOS 13G Minds, Brains Comp (4)|NO COURSE ARTICULATED:College has not w/Disc |submitted course(s)for articulation

e. ETHICS:

| | | | | |
|-----------|---------------------|-----|------------------------|---|
| PHILOS 14 | Eth Soc Prob in Soc | (4) | PHIL C120 | From Ethics to Making (3) Moral Choices |
| | OR | | | OR |
| PHILOS 15 | Intro to Bioethics | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| | OR | | | OR |
| PHILOS 24 | Intro to Ethics | (4) | NO COMPARABLE COURSE | |

f. PHILOSOPHY OF SCIENCE

| | | | | |
|-----------|----------------------|-----|------------------------|---|
| PHILOS 30 | Intro Philos of Sci | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| | OR | | | OR |
| PHILOS 31 | Scientific Reason | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| | OR | | | OR |
| PHILOS 32 | Scientific Change | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| | OR | | | OR |
| PHILOS 38 | Intro Philos of Biol | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |

g. PHILOSOPHY OF LANGUAGE

| | | | | |
|-----------|------------------------------|-----|------------------------|---|
| PHILOS 17 | Language, Thought & World | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
|-----------|------------------------------|-----|------------------------|---|

PRE-LAW EMPHASIS

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|-----------|-----------------------------------|-----|------------------------|---|
| PHILOS 14 | Eth Soc Prob in Soc | (4) | PHIL C120 | From Ethics to Making (3) Moral Choices |
| PHILOS 15 | Intro to Bioethics | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| PHILOS 16 | Phil Foundations of Amer Democ | (4) | NO COURSE ARTICULATED: | College has not submitted course(s)for articulation |

ALL OF THE FOLLOWING COURSES:

| | | | | |
|-----------|-----------------------|-----|----------------------|------------------------------------|
| PHILOS 5 | Critical Reasoning | (4) | PHIL C115 | Logic and Critical (3) Thinking |
| PHILOS 12 | Intro to Symbol Logic | (4) | NO COMPARABLE COURSE | |
| PHILOS 24 | Intro to Ethics | (4) | NO COMPARABLE COURSE | |

PRE-MED EMPHASIS:

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|-----------|---------------------|-----|------------------------|---|
| PHILOS 24 | Intro to Ethics | (4) | NO COMPARABLE COURSE | |
| PHILOS 30 | Intro Philos of Sci | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| PHILOS 31 | Scientific Reason | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| PHILOS 32 | Scientific Change | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |

ALL OF THE FOLLOWING COURSES:

| | | | | |
|-----------|-----------------------|-----|------------------------|---|
| PHILOS 12 | Intro to Symbol Logic | (4) | NO COMPARABLE COURSE | |
| PHILOS 15 | Intro to Bioethics | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |
| PHILOS 38 | Intro Philos of Biol | (4) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation |

END OF MAJOR

====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

*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.

College Foreign Language Requirement Note:

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

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

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| | | | | | |
|-------------|-------------------------|-----|------------------------|--|-----|
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9D | Modern Physics | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| PHYSICS 9HA | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HB | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HC | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HD | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HE | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| <hr/> | | | | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| <hr/> | | | | | |
| PHYSICS 80 | Experimental Techniques | (4) | NO COURSE ARTICULATED | | |

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

| | | | | | |
|-------------|--------------------------|-----|------------------------|--|-----|
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9D | Modern Physics | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| PHYSICS 9HA | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HB | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HC | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HD | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| PHYSICS 9HE | Honors Physics | (5) | NO COURSE ARTICULATED: | College has not submitted course(s) for articulation | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | OR | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| PHYSICS 40 | Intr Physics Computation | (4) | NO COURSE ARTICULATED | | |
| PHYSICS 80 | Experimental Techniques | (4) | NO COURSE ARTICULATED | | |

ASTROPHYSICS EMPHASIS

Preparatory subject matter for the B.S. Astrophysics Emphasis is the same as that listed above. In addition, the following course is RECOMMENDED but not required:

| | | | | | |
|-----------|---|-----|----------------------|--|--|
| ASTRON 25 | Intro to Modern Astronomy & Astrophy | (4) | NO COMPARABLE COURSE | | |
|-----------|---|-----|----------------------|--|--|

END OF MAJOR

====Plant Biology A.B.====

Special Advising Note:

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

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for

the major helps students move efficiently toward graduation and significantly reduces time to degree.

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C 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:

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| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|---------|--------------------|-----|------------------------|---|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) |

| | | | | | |
|------------|-----------------------|-----|-----------|----------------------------|-----|
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

RECOMMENDED COURSES:

| | | | | | |
|---------|----------------|-----|------------------------|---|-----|
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) |
|---------|----------------|-----|------------------------|---|-----|

END OF MAJOR

====Plant Biology B.S.====

Special Advising Note:

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

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

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Mathematics 17A/B/C or 21A/B

Chemistry 2A/B/C

Biological Sciences 2A/B/C

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

Organic Chemistry series cited on ASSIST for your major*

Physics 7A/B/C or the physics series cited on ASSIST

for your intended College of Biological Sciences major (especially useful for Neurobiology, Physiology and Behavior majors).

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

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

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

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| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|---------|----------------|-----|---|--|--------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L & CHEM C185 & CHEM C185L | General Chemistry A Lab A General Chemistry B Lab B | (4) (1) (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |

| | | | | | |
|-----------|----------------------|-----|---|--|--------------------------|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| OR | | | OR | | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A Lab | (3) (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L & CHEM C225 & CHEM C225L | Organic Chemistry A Lab Organic Chemistry B Lab | (3) (2) (3) (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & | Organic Chemistry B | (3) |

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

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

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

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

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

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

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

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

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

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

| | | | | | | |
|------------|-----------------------------|-----|--|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology | (5) | | NO COMPARABLE COURSE | | |

| & Evolution | | | | |
|-------------|----------------------|-----|---|---|
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A (4) General Chemistry Lab A (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B (4) General Chemistry Lab B (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B (3) Organic Chemistry A Lab (2) |
| | OR | | | OR |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & CHEM C220L | Organic Chemistry A (3) Organic Chemistry A Lab (2) |
| | | | CHEM C225 & CHEM C225L | Organic Chemistry B (3) Organic Chemistry B Lab (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & CHEM C225L | Organic Chemistry B (3) Organic Chemistry B Lab (2) |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus (4) |
| | | | OR | |
| MATH 16B | Short Calculus | (3) | MATH C180 & MATH C140 | Calculus 1 (5) Business Calculus (4) |
| | | | OR | |
| | 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 | |
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | |
| | OR | | | OR |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech (4) Algebra Basedl Physics: Elec/Mag (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.

| | | | |
|------------|--------------------|-----|---|
| ABIOSYT 49 | Fld Equip Oper | (2) | NO COMPARABLE COURSE |
| | OR | | OR |
| PL SCI 49 | Org Crop Prod Prac | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

COURSES FOR THE CROP PRODUCTION OPTION:

| | | | | | |
|------------|---------------------|-----|----------------------|------------------------------|-----|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| | OR | | | OR | |
| AGRESEC 15 | Pop,Envr,World Agri | (4) | NO COMPARABLE COURSE | | |

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

| | | | | | | |
|-----------|----------------|-----|--|-----------|---------------------|-----|
| POL SCI 1 | Amer Natl Govt | (4) | | PSCI C180 | American Government | (3) |
|-----------|----------------|-----|--|-----------|---------------------|-----|

THREE COURSES FROM THE FOLLOWING:

| | | | | | | |
|-----------|---------------------|-----|--|----------------------|----------------------|-----|
| POL SCI 2 | Intro Comp Politics | (4) | | PSCI C185 | Comparative Politics | (3) |
| POL SCI 3 | Internatl Relations | (4) | | NO COMPARABLE COURSE | | |
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | | NO COMPARABLE COURSE | | |
| POL SCI 5 | Probs/Am Pol Sys | (4) | | PSCI C101 | Survey of Current | (3) |
| | | | | | Issues | |
| POL SCI 7 | Law & Politics | (4) | | NO COMPARABLE COURSE | | |

| | | | | | | |
|------------|------------------------------|-----|--|---|--|--|
| POL SCI 51 | Scientific Study of Politics | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|------------|------------------------------|-----|--|---|--|--|

ONE COURSE FROM THE FOLLOWING:

| | | | | | | |
|-------------|---|-----|--|---|-----------------|-----|
| POL SCI 12Y | Data Visualization | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y | | | | | |
| STATIST 13 | Elementary Statistics | (4) | | MATH C160 | Introduction to | (4) |
| | Same as: STATIST 13Y | | | | Statistics | |
| STATIST 32 | Gateway to Data Science | (4) | | NO COMPARABLE COURSE | | |

END OF MAJOR

====Political Science A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for 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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

THREE COURSES FROM THE FOLLOWING:

| | | | | | |
|-----------|---------------------|-----|----------------------|----------------------|-----|
| POL SCI 1 | Amer Natl Govt | (4) | PSCI C180 | American Government | (3) |
| POL SCI 2 | Intro Comp Politics | (4) | PSCI C185 | Comparative Politics | (3) |
| POL SCI 3 | Internatl Relations | (4) | NO COMPARABLE COURSE | | |
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | NO COMPARABLE COURSE | | |

ONE COURSE FROM THE FOLLOWING:

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

| | | | | | |
|-------------|------------------------|-----|---|--------------------------|-----|
| POL SCI 1 | Amer Natl Govt | (4) | PSCI C180 | American Government | (3) |
| POL SCI 2 | Intro Comp Politics | (4) | PSCI C185 | Comparative Politics | (3) |
| POL SCI 3 | Internatl Relations | (4) | NO COMPARABLE COURSE | | |
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | NO COMPARABLE COURSE | | |
| POL SCI 5 | Probs/Am Pol Sys | (4) | PSCI C101 | Survey of Current Issues | (3) |
| POL SCI 7 | Law & Politics | (4) | NO COMPARABLE COURSE | | |
| POL SCI 11A | America Decides | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 11B | Citizen Lawmaking | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 11C | Politics & Film | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 11D | Political Persuasion | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 12A | Politics & Sports | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 12B | Climate Chg & Politics | (4) | | | |

| | | | | | |
|------------|------------------------------|-----|---|--|--|
| POL SCI 51 | Scientific Study of Politics | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|------------|------------------------------|-----|---|--|--|

| | | | | | |
|-------------|---|-----|---|--|--|
| POL SCI 12Y | Data Visualization | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | Same as: COMUNCN 12Y, PSYCH 12Y, SOCIOL 12Y | | | | |

OR

| | | | | | |
|------------|-----------------------|-----|-----------|----------------------------|-----|
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

OR

| | | | | | |
|------------|-------------------------|-----|----------------------|--|--|
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
|------------|-------------------------|-----|----------------------|--|--|

END OF MAJOR

====Psychology A.B.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;

Statistics 13;

One of these two options:

Biological Sciences 2A,

or

*Biological Sciences 10 and one course from:

Anthropology 1 or

Molecular and Cellular Biology 10 or

Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major, without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

*Students planning for a B.S. degree in psychology with biological emphasis are encouraged to complete Biological Sciences 2A rather than Biological Sciences 10. Also, although only one biological sciences course is required for admission, students interested in pursuing a B.S. degree with biological emphasis are encouraged to complete the recommended courses shown on ASSIST.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

| | | | | | |
|------------|-----------------------------|-----|-----------|--|-----|
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |

OR A COMBINATION OF

| | | | | | |
|------------|------------------|-----|-----------|-------------------------|-----|
| BIOLSCI 10 | Everyday Biology | (4) | BIOL C100 | Introduction to Biology | (3) |
|------------|------------------|-----|-----------|-------------------------|-----|

AND ONE COURSE FROM

| | | | | | |
|------------|----------------------|-----|----------------------|--|-----|
| ANTHRO 1 | Human Evol Biol | (4) | ANTH C185 | Physical Anthropology | (3) |
| | OR | | | OR | |
| MOL&CB 10 | Intro Human Heredity | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| NE PH B 10 | Elem Human Physio | (3) | BIOL C221 | Introduction to Anatomy and Physiology | (3) |
| | | | | OR | |

END OF MAJOR

====Psychology B.S. (Biological)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

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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| | | | | | |
|-------------|-----------------------|-----|---|--|-----|
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| <hr/> | | | | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| <hr/> | | | | | |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (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 | | |
| | OR | | | OR | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| <hr/> | | | | | |
| PHYSICS 10 | Topics,Nonscientists | (4) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| | OR | | | 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) | PHYS C120 & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | Algebra Based1 Physics: Elec/Mag | (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & | Algebra Based Physics: Mech | (4) |
| | | | PHYS C125 | Algebra Based1 Physics: Elec/Mag | (4) |

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

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|---------|----------------|-----|--------------|-------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L & | General Chemistry Lab A | (1) |
| | | | CHEM C185 & | General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |

| | | | | | |
|-----------|----------------------|-----|--------------|-----------------------|-----|
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & | Organic Chemistry B | (3) |
| | | | CHEM C220L | Organic Chemistry Lab | (2) |
| | OR | | | OR | |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C220L & | Organic Chemistry Lab | (2) |
| | | | CHEM C225 & | Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry Lab | (2) |
| | OR | | | OR | |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |

END OF MAJOR

====Psychology B.S. (Quantitative)====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2018-19)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by

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

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 2.90 for the course group. It is recommended that candidates have a cumulative GPA of at least 2.90 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

Psychology 1;
Statistics 13;
One of these two options:
Biological Sciences 2A
or
Biological Sciences 10 and one course from:
Anthropology 1 or
Molecular and Cellular Biology 10 or
Neurobiology, Physiology and Behavior 10

Applicants to psychology apply to the major without reference to A.B. or B.S. degrees or emphases, which are chosen after enrollment at UC Davis. Transfer students are advised that although requirements for admission (listed above) in the psychology major are the same for the A.B. and B.S. degree options, lower-division preparation for graduation in the major may vary based on the degree and emphasis. Students are encouraged to view coursework for the A.B. degree and the B.S. degree with available biological and quantitative emphases.

Although not required for admission selection to the psychology major, it is highly recommended that students planning for a B.S. degree in psychology complete courses comparable to the UC Davis chemistry courses that apply to the student's degree and emphasis before enrolling at UC Davis.

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

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

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

| | | | | | |
|------------|-----------------------|-----|----------------------|--|-----|
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |
| PSYCH 41 | Research Methods | (4) | PSYC C280 | Introduction to Research Methods in Psychology | (4) |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| ENG CS 36A | Programming | (4) | NO COMPARABLE COURSE | | |
| | Formerly ENG CS 30 | | | | |
| | OR | | | OR | |
| ENG CS 32A | Intro to Programming | (4) | NO COMPARABLE COURSE | | |
| | Formerly ENG CS 10 | | | | |

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 | | | OR | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) (1) |
| | OR | | | OR | |
| CHEM 2AH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| CHEM 2BH | Honors Genl Chemistry | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 10 | Topics, Nonscientists | (4) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| | OR | | | 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) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (4) (4) |

| | | | | | | |
|------------|-----------------|-----|--|-------------|-------------------|-----|
| PHYSICS 7B | General Physics | (4) | | PHYS C120 & | Algebra Based | (4) |
| | | | | | Physics: Mech | |
| | | | | PHYS C125 | Algebra Based1 | (4) |
| | | | | | Physics: Elec/Mag | |

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

| | | | | | | |
|------------|-----------------------------|-----|--|-----------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | | BIOL C180 | Cell and Molecular Biology | (4) |
|------------|-----------------------------|-----|--|-----------|----------------------------|-----|

OR A COMBINATION OF

| | | | | | | |
|------------|------------------|-----|--|-----------|-------------------------|-----|
| BIOLSCI 10 | Everyday Biology | (4) | | BIOL C100 | Introduction to Biology | (3) |
|------------|------------------|-----|--|-----------|-------------------------|-----|

AND ONE COURSE FROM

| | | | | | | |
|------------|----------------------|-----|--|----------------------|--|-----|
| ANTHRO 1 | Human Evol Biol | (4) | | ANTH C185 | Physical Anthropology | (3) |
| | OR | | | | OR | |
| MOL&CB 10 | Intro Human Heredity | (4) | | NO COMPARABLE COURSE | | |
| | OR | | | | OR | |
| NE PH B 10 | Elem Human Physio | (3) | | BIOL C221 | Introduction to Anatomy and Physiology | (3) |
| | | | | OR | | |
| | | | | BIOL C220 | Human Anatomy | (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](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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

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

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

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

College Foreign Language Requirement Note:

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

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

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

ONE COURSE FROM THE FOLLOWING:

| | | | |
|------------|------------------------|-----|---|
| REL STD 1 | Survey of Religion | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 1A | Pilgrimage | (4) | NO COMPARABLE COURSE |
| REL STD 1B | Death and Afterlife | (4) | NO COMPARABLE COURSE |
| REL STD 1C | Sacrifice | (4) | NO COMPARABLE COURSE |
| REL STD 1D | Conversion | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 1E | Fundamentalism | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 1F | Religion Today | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 1G | Myth Ritual Symbol | (4) | NO COMPARABLE COURSE |
| REL STD 1H | Sex, Marriage, Divorce | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 1J | Music, Voice, Word | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

FOUR COURSES FROM THE FOLLOWING:

| | | | |
|-------------|-------------------------------|-----|---|
| REL STD 5 | Comparative Religion | (2) | NO COURSE ARTICULATED |
| REL STD 6 | Intro Health Humanities | (4) | NO COURSE ARTICULATED |
| REL STD 10 | Contemporary Ethical Issues | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 10A | Contemporary Ethical Issues | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 11 | Ethical Eating | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 12 | Emergence Abrahamic Religions | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 21 | The Bible | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 23 | Intro Judaism | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 30 | South Asian Religions | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 40 | New Testament | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 42 | Religion and Sci Fiction | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 45 | Christianity | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

| | | | |
|-------------|------------------------------------|-----|---|
| REL STD 60 | Introduction to Islam | (4) | NO COMPARABLE COURSE |
| REL STD 65C | The Qur'an and Its Interpretation | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 67 | Modern Hinduism | (4) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation |
| REL STD 68 | Hinduism | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 69 | Intro Hindu Mythology | (4) | NO COURSE ARTICULATED:College has not submitted course(s)for articulation |
| REL STD 70 | Religion and Language | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| REL STD 75 | Introduction to Chinese Philosophy | (4) | NO COMPARABLE COURSE |
| REL STD 80 | Religion, Gender, Sex | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

A reading knowledge of a foreign language is highly recommended.

END OF MAJOR

====Russian A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

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

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

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 COURSE ARTICULATED: College has not submitted course(s) for articulation |
| RUSSIAN 2 | Elementary Russian | (5) | NO COMPARABLE COURSE |
| RUSSIAN 3 | Elementary Russian | (5) | NO COMPARABLE COURSE |
| RUSSIAN 4 | Intermed Russian | (4) | NO COMPARABLE COURSE |
| RUSSIAN 5 | Intermed Russian | (4) | NO COMPARABLE COURSE |
| RUSSIAN 6 | Intermed Russian | (4) | NO COMPARABLE COURSE |

END OF MAJOR

====Science & Technology Studies A.B.====

Special Advising Note:

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

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

Transfer Admission Guarantee (TAG) Note:

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

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

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

College Foreign Language Requirement Note:

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

information.

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

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

| | | | |
|------------|-----------------------|-----|----------------------|
| 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 Culture | (4) | NO COMPARABLE COURSE |
| AMR STD 1E | Nat&Cult Amr | (4) | NO COMPARABLE COURSE |
| AMR STD 5 | Tech in Amr Lives | (4) | NO COMPARABLE COURSE |
| ENV S&P 1 | Env Analysis | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| HUMAN 3 | Medicine & Humanities | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PHILOS 30 | Intro Philos of Sci | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PHILOS 31 | Scientific Reason | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| PHILOS 32 | Scientific Change | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| SCI&SOC 1 | Critical Inquiry into Contemporary Issues | (4) | NO COMPARABLE COURSE |
| 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 Culture | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | Same as: ANTHRO 32 | | |

4 quarter units of lower-division science courses from the Approved Science Electives list. To see the list, click on <http://sts.ucdavis.edu/undergraduate/sts-major-requirements>

END OF MAJOR

====Sociology A.B.====

Special Advising Note:

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

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

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| | | | | | | |
|------------|-------------------|-----|--|----------------------|---------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | | SOC C100 | Introduction to Sociology | (3) |
| <hr/> | | | | | | |
| SOCIOL 46A | Intro Social Rsch | (4) | | NO COMPARABLE COURSE | | |
| | AND | | | AND | | |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE | | |

ONE COURSE FROM THE FOLLOWING:

| | | | | | | |
|------------|-----------------------------------|-----|--|---|-----------------------------|-----|
| SOCIOL 2 | Self and Society | (4) | | NO COMPARABLE COURSE | | |
| SOCIOL 3 | Social Problems | (4) | | SOC C185 | Analysis of Social Problems | (3) |
| SOCIOL 4 | Immigrtn & Opprtnty | (4) | | NO COMPARABLE COURSE | | |
| 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 | Popular Culture | (4) | | NO COMPARABLE COURSE | | |
| SOCIOL 30A | Multicultural Societies | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SOCIOL 30B | Multicultural Societies | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

ONE COURSE FROM THE FOLLOWING:

| | | | | | | |
|-----------|-----------------------|-----|--|---|-----------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | | |
| ANTHRO 20 | Comparative Cultures | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|-------------|----------------------------|-----|---|-----|
| HISTORY 4A | Western Civ | (4) | NO COMPARABLE COURSE | |
| HISTORY 4B | Western Civ | (4) | HIST C180 & Western Civilization | (3) |
| | | | 1 | |
| | | | HIST C185 Western Civilization | (3) |
| | | | 2 | |
| HISTORY 4C | Western Civ | (4) | HIST C185 Western Civilization | (3) |
| | | | 2 | |
| HISTORY 6 | Intro to Middle East | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| HISTORY 7A | Latin America to 1700 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| HISTORY 7B | Latin America 1700-1900 | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| HISTORY 7C | Latin America 1900-Present | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | |
| HISTORY 8 | Indian Civilization | (4) | NO COMPARABLE COURSE | |
| HISTORY 9A | East Asian Civ | (4) | NO COMPARABLE COURSE | |
| HISTORY 9B | East Asian Civ | (4) | NO COMPARABLE COURSE | |
| HISTORY 10C | World History III | (4) | HIST C162 World History 2 | (3) |
| HISTORY 15A | Africa to 1900 | (4) | NO COURSE ARTICULATED | |
| HISTORY 15B | Africa Today | (4) | NO COURSE ARTICULATED | |
| HISTORY 17A | U.S. History | (4) | HIST C170 United States History | (3) |
| | | | to 1876 | |
| HISTORY 17B | U.S. History | (4) | HIST C175 United States History | (3) |
| | | | since 1876 | |

ONE COURSE FROM THE FOLLOWING:

| | | | | |
|-----------|---------------------|-----|---|-----|
| PHILOS 5 | Critical Reasoning | (4) | PHIL C115 Logic and Critical Thinking | (3) |
| PHILOS 14 | Eth Soc Prob in Soc | (4) | PHIL C120 From Ethics to Making Moral Choices | (3) |
| PHILOS 24 | Intro to Ethics | (4) | NO COMPARABLE COURSE | |

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.

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

| | | | | | | |
|-------------|-----------------------|-----|--|---|------------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | | SOC C100 | Introduction to Sociology | (3) |
| SOCIOL 5 | Global Soc Change | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SOCIOL 46A | Intro Social Rsch | (4) | | NO COMPARABLE COURSE | | |
| | AND | | | AND | | |
| SOCIOL 46B | Intro Social Rsch | (5) | | NO COMPARABLE COURSE | | |
| ECON 1B | Princ of Macroecon | (4) | | ECON C175 | Principles of Macroeconomics | (3) |
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | | |
| ANTHRO 20 | Comparative Cultures | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| HISTORY 10C | World History III | (4) | | HIST C162 | World History 2 | (3) |
| | OR | | | OR | | |
| POL SCI 2 | Intro Comp Politics | (4) | | PSCI C185 | Comparative Politics | (3) |

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:

Transfer students are strongly advised to complete as many preparatory courses as possible for 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|-----------------------------------|-----|---|-----------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |
| | OR | | | OR | |
| SOCIOL 4 | Immigrtn & Opprtnty | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| SOCIOL 11 | Sociology of Labor and Employment | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE | | |
| | AND | | | AND | |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |

4 QUARTER UNITS FROM THE FOLLOWING:

| | | | | | |
|-----------|-----------------------|-----|---|-----------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| ANTHRO 20 | Comparative Cultures | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| POL SCI 1 | Amer Natl Govt | (4) | PSCI C180 | American Government | (3) |
| POL SCI 3 | Internatl Relations | (4) | NO COMPARABLE COURSE | | |

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

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

College Foreign Language Requirement Note:

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

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|--------------------|-----|----------------------|-----------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| SOCIOL 2 | Self and Society | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE | | |
| | AND | | | AND | |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | (3) |

6-8 QUARTER UNITS FROM THE FOLLOWING:

| | | | | | |
|------------|-----------------------------------|-----|---|--|--|
| AF-AMST 10 | Af-Am Culture & Soc | (4) | NO COMPARABLE COURSE | | |
| AF-AMST 15 | Intro Afro Amer Hum | (4) | NO COMPARABLE COURSE | | |
| A A STD 1 | Hist Exp Asian Am | (4) | NO COMPARABLE COURSE | | |
| A A STD 2 | Contemp Issues of Asian Americans | (4) | NO COMPARABLE COURSE | | |
| CHICANO 10 | Intro to Chic Std | (4) | NO COMPARABLE COURSE | | |
| CHICANO 50 | Chicano Culture | (4) | 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 COMPARABLE COURSE | | |
| SOCIOL 11 | Sociology of Labor and Employment | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SOCIOL 30A | Multicultural Societies | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| SOCIOL 30B | Multicultural Societies | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

END OF MAJOR

====Sociology-Organizational Studies A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern. Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

College Foreign Language Requirement Note:

Transfer students pursuing this major who do not certify IGETC must complete a college graduation requirement in a foreign language. See <http://llc.ucdavis.edu/foreign-language-placement-exams> and check with your UC Davis College Dean's Office or the Biology Academic Success Center for more information.

Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | | |
|-----------|------------------------|-----|--|---|---------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | | SOC C100 | Introduction to Sociology | (3) |
| | AND | | | AND | | |
| SOCIOL 2 | Self and Society | (4) | | NO COMPARABLE COURSE | | |
| SOCIOL 4 | Immigrtn & Opprtnty | (4) | | NO COMPARABLE COURSE | | |
| | 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 | |
|------------|--------------------|--------------------------------------|--|
| SOCIOL 46A | Intro Social Rsch | (4) | NO COMPARABLE COURSE |
| | AND | | AND |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE |
| ECON 1A | Princ of Microecon | (4) | ECON C170 Principles of Microeconomics (3) |
| | AND | | AND |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 Principles of Macroeconomics (3) |

END OF MAJOR

====Spanish A.B.====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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:

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available from our TAG website.

| | | | | | |
|------------|----------------------|-----|----------------------|--------------------------------|-----|
| SPANISH 1 | Elementary Spanish | (5) | SPAN C180 | Elementary Spanish 1 | (5) |
| SPANISH 2 | Elementary Spanish | (5) | SPAN C180 | Elementary Spanish 1 | (5) |
| SPANISH 3 | Elementary Spanish | (5) | NO COMPARABLE COURSE | | |
| SPANISH 21 | Intm Spanish | (5) | NO COMPARABLE COURSE | | |
| SPANISH 22 | Intm Spanish | (5) | NO COMPARABLE COURSE | | |
| SPANISH 23 | Span Comp I | (4) | NO COMPARABLE COURSE | | |
| SPANISH 24 | Span Comp II | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| SPANISH 31 | Int Span Nat Spk I | (5) | SPAN C165 | Spanish for Spanish Speakers 2 | (5) |
| SPANISH 32 | Int Span Nat Spk II | (5) | SPAN C165 | Spanish for Spanish Speakers 2 | (5) |
| 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:

Transfer students are strongly advised to complete as many preparatory courses as possible for 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 2018-19 [General Catalog](#). Quick reference charts for AP and IB are also available from our TAG website.

| | | | | | |
|----------|---------------------|-----|-----------|---|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |

| | | | | | |
|------------|---|-----|----------------------|--|--|
| ENG CS 32A | Intro to Programming(4) Formerly ENG CS 10 | | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| ENG CS 36A | Programming Formerly ENG CS 30 | (4) | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| ENG CS 36B | Object-Oriented Program Formerly ENG CS 40 | (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.

| | | | | | |
|------------|-------------------------|-----|----------------------|--|--|
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |
|------------|-------------------------|-----|----------------------|--|--|

END OF MAJOR

====Statistics B.S. (Applied Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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 2018-19 [General Catalog](#) . Quick reference charts for AP and IB are also available from our TAG website.

| | | | | | |
|----------|---------------------|-----|-----------|---|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | (5) |
| | OR | | MATH C185 | Calculus 2 | (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 C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |

NOTE: THE MATH 21A,B,C SERIES IS RECOMMENDED IF AVAILABLE

| | | | | | |
|----------|----------------|-----|-----------|---|-----|
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential | (5) |
|----------|----------------|-----|-----------|---|-----|

Equations

| | | | |
|------------|---|--|----------------------|
| ENG CS 32A | Intro to Programming(4) Formerly ENG CS 10 | | NO COMPARABLE COURSE |
| | OR | | OR |
| ENG CS 36A | Programming (4) Formerly ENG CS 30 | | NO COMPARABLE COURSE |
| | OR | | OR |
| ENG CS 36B | Object-Oriented Program (4) Formerly ENG CS 40 | | 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.

AND ONE COURSE FROM

| | | |
|------------|---|---|
| STATIST 12 | Discrete Probabil (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| STATIST 13 | Elementary Statistics (4) Same as: STATIST 13Y | MATH C160 Introduction to Statistics (4) |
| STATIST 32 | Gateway to Data Science (4) | NO COMPARABLE COURSE |

PLUS TWO INTRODUCTORY COURSES SERVING AS THE PREREQUISITE TO UPPER DIVISION COURSES IN A CHOSEN DISCIPLINE TO WHICH STATISTICS IS APPLIED.

END OF MAJOR

====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](http://ucdavis.edu/transfer-admission). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

Students have two choices for selection of a GE pattern: IGETC or UC Davis GE. IGETC is available only at California community colleges and works well for students planning to complete Bachelor of Arts (A.B.) degrees at UC Davis. See additional details about IGETC under the ASSIST Help Topics. UC Davis accepts partial IGETC certification and IGETC for STEM. Students not planning to complete IGETC should see important information about the UC Davis GE pattern.

Go to the For General Education/Breadth section of ASSIST and select any option from the pull-down menu. The dean's office of your undergraduate college at UC Davis decides whether you have satisfied the GE requirement. See a UC Davis academic advisor to understand how to complete all of the GE components.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|------------|---------------------------------------|-----|-----------|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| <hr/> | | | | | |
| ENG CS 36C | Data Structures Formerly ENG CS 60 | (4) | ICS C123 | Fundamental Data Structures | (3) |

Please note that the community college's computer science courses may not be identical to UC Davis courses. Community college students, upon transfer to UC Davis, may need to make up any topic or language deficiencies.

AND ONE COURSE FROM

| | | | | | |
|------------|-------------------------|-----|---|-------------------------------|-----|
| STATIST 12 | Discrete Probabil | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |

END OF MAJOR

====Statistics B.S. (General Statistics Option)====

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. For details see the UC Davis [transfer admission website](#). UC Davis requires that students complete UC transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

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Intersegmental General Education Transfer Curriculum (IGETC)/ UC Davis General Education(GE) Note:

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Advanced Placement (AP)and International Baccalaureate (IB) Examination Note:

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| | | | | | |
|------------|---|-----|---|---|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| | OR | | | OR | |
| MATH 67 | Modern Linear Algebra | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| MATH 25 | Advanced Calculus | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ENG CS 32A | Intro to Programming Formerly ENG CS 10 | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| ENG CS 36A | Programming Formerly ENG CS 30 | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| ENG CS 36B | Object-Oriented Program Formerly ENG CS 40 | (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.

AND ONE COURSE FROM

| | | | | | |
|------------|---|-----|---|----------------------------|-----|
| STATIST 13 | Elementary Statistics Same as: STATIST 13Y | (4) | MATH C160 | Introduction to Statistics | (4) |
| STATIST 12 | Discrete Probabil | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE | | |

===Statistics B.S. (Statistical Data Science Track)===

Special Advising Note:

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| | | | | | |
|----------|-----------------|-----|-----------|--|-----|
| MATH 21A | Calculus | (4) | MATH C180 | Calculus 1 | (5) |
| MATH 21B | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21C | Calculus | (4) | MATH C185 | Calculus 2 | (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 | Calculus 3 | (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |

| | | | |
|------------|---|-----|----------------------|
| ENG CS 32A | Intro to Programming(4) Formerly ENG CS 10 | | NO COMPARABLE COURSE |
| | OR | | OR |
| ENG CS 36A | Programming Formerly ENG CS 30 | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| ENG CS 36B | Object-Oriented Program Formerly ENG CS 40 | (4) | NO COMPARABLE COURSE |

| | | | |
|------------|-------------------------|-----|---|
| STATIST 12 | Discrete Probabil | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 Introduction to Statistics (4) |
| | Same as: STATIST 13Y | | |
| | OR | | OR |
| STATIST 32 | Gateway to Data Science | (4) | NO COMPARABLE COURSE |

END OF MAJOR

====Sustainable Agriculture and Food Systems 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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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English

Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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| | | | | | | |
|------------|-------------------------------|-----|--|---|-----------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | | CMST C110 | Public Speaking | (3) |
| PL SCI 15 | Intro Sustainable Agriculture | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| CM&RGDE 20 | Food Systems | (4) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PL PATH 40 | Edible Mushroom Cult | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | OR | | | OR | | |
| PL SCI 49 | Org Crop Prod Prac | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

Select one of the following courses:

| | | | | | | |
|------------|-------------------------|-----|--|---|--|--|
| AN SCI 41L | Domest An Prod Lab | (2) | | NO COMPARABLE COURSE | | |
| AN SCI 49A | Animal Prac/Aquaculture | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49B | Animal Prac/Beef | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49C | Animal Prac/Dairy | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49D | Animal Prac/Goats | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49E | Animal Prac/Horses | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49F | Animal Prac/Lab Animals | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49G | Animal Prac/Meats | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49H | Animal Prac/Poultry | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| AN SCI 49I | Animal Prac/Sheep | (2) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

| | | | | |
|------------|-------------------|-----|--|--|
| AN SCI 49J | Animal Prac/Swine | (2) | | submitted course(s)for articulation |
| | | | | NO COURSE ARTICULATED: College has not |
| | | | | submitted course(s)for articulation |

| | | | | |
|------------|---------------------|-----|--|--|
| ABIOSYT 49 | Fld Equip Oper | (2) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| ABIOSYT 52 | Field Equip Welding | (2) | | NO COURSE ARTICULATED: College has not |
| | | | | submitted course(s)for articulation |

PLUS CHOOSE ONE OF THE FOLLOWING THREE TRACKS:

TRACK I: AGRICULTURE AND ECOLOGY

| | | | | | | |
|----------|----------------|-----|--|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | | MATH C140 | Business Calculus | (4) |
| | | | | OR | | |
| | | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | | MATH C140 | Business Calculus | (4) |
| | | | | OR | | |
| | | | | MATH C185 | Calculus 2 | (5) |

| | | | | | | |
|---------|----------------|-----|--|------------|----------------------------------|-----|
| CHEM 2A | Genl Chemistry | (5) | | CHEM C180 | & General Chemistry A | (4) |
| | | | | CHEM C180L | General Chemistry | (1) |
| | | | | | Lab A | |
| CHEM 2B | Genl Chemistry | (5) | | CHEM C180 | & General Chemistry A | (4) |
| | | | | CHEM C180L | & General Chemistry | (1) |
| | | | | | Lab A | |
| | | | | CHEM C185 | & General Chemistry B | (4) |
| | | | | CHEM C185L | General Chemistry | (1) |
| | | | | | Lab B | |

| | | | | |
|------------|--------------------|-----|--|----------------------|
| PHYSICS 1A | Principles Physics | (3) | | NO COMPARABLE COURSE |
|------------|--------------------|-----|--|----------------------|

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|------------|---------------------------------------|-----|--|----------------------|
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | | NO COMPARABLE COURSE |
|------------|---------------------------------------|-----|--|----------------------|

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|----------|--------------------|-----|--|--|
| PL SCI 2 | Bot Physio Cul Plt | (4) | | NO COURSE ARTICULATED: College has not |
| | | | | submitted course(s) for articulation |

| | | | | |
|----------|---------------------|-----|--|----------------------|
| AN SCI 1 | Domest Ani & People | (4) | | NO COMPARABLE COURSE |
|----------|---------------------|-----|--|----------------------|

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|--|-----------|--|--|-----------|
| | OR | | | OR |
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|----------|------------------|-----|--|----------------------|
| AN SCI 2 | Intro Animal Sci | (4) | | NO COMPARABLE COURSE |
|----------|------------------|-----|--|----------------------|

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|----------|---------------------|-----|--|----------------------|
| FD S&T 1 | Food Sci Principles | (3) | | NO COMPARABLE COURSE |
|----------|---------------------|-----|--|----------------------|

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|---------|--------------------|-----|--|-----------|----------------|-----|
| ECON 1A | Princ of Microecon | (4) | | ECON C170 | Principles of | (3) |
| | | | | | Microeconomics | |

| | | | | |
|-----------|---------------|-----|--|--|
| CM&RGDE 1 | The Community | (4) | | NO COURSE ARTICULATED: College has not |
| | | | | submitted course(s) for articulation |

| | | | | | | |
|-----------|---------------------|-----|--|-----------|-----------------------|-----|
| PHILOS 14 | Eth Soc Prob in Soc | (4) | | PHIL C120 | From Ethics to Making | (3) |
| | | | | | Moral Choices | |

| | | | | |
|--|-----------|--|--|-----------|
| | OR | | | OR |
|--|-----------|--|--|-----------|

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|-----------|--------------------|-----|--|--|
| PHILOS 15 | Intro to Bioethics | (4) | | NO COURSE ARTICULATED: College has not |
| | | | | submitted course(s) for articulation |

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|--|-----------|--|--|-----------|
| | OR | | | OR |
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|-----------|-----------------|-----|--|----------------------|
| PHILOS 24 | Intro to Ethics | (4) | | NO COMPARABLE COURSE |
|-----------|-----------------|-----|--|----------------------|

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|----------|-----------------------|-----|--|-----------|-----------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology | (3) |
|----------|-----------------------|-----|--|-----------|-----------------------|-----|

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|--|-----------|--|--|-----------|
| | OR | | | OR |
|--|-----------|--|--|-----------|

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|-----------|-------------------|-----|--|----------------------|
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | | NO COMPARABLE COURSE |
|-----------|-------------------|-----|--|----------------------|

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|--|-----------|--|--|-----------|
| | OR | | | OR |
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|----------|-----------------|-----|--|----------|-----------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | | SOC C100 | Introduction to | (3) |
| | | | | | Sociology | |

| | | | | | |
|-----------------------------------|--|-----|--|--|------------|
| SOCIOL 3 | OR Social Problems | (4) | SOC C185 | OR Analysis of Social Problems | (3) |
| ----- | | | | | |
| TRACK II: FOOD AND SOCIETY | | | | | |
| PHILOS 5 | Critical Reasoning | (4) | PHIL C115 | Logic and Critical Thinking | (3) |
| PHILOS 31 | OR Scientific Reason | (4) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PHILOS 14 | Eth Soc Prob in Soc | (4) | PHIL C120 | From Ethics to Making Moral Choices | (3) |
| PHILOS 15 | OR Intro to Bioethics | (4) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| PHILOS 24 | OR Intro to Ethics | (4) | OR NO COMPARABLE COURSE | | |
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |
| STATIST 13 | OR Elementary Statistics Same as: STATIST 13Y | (4) | MATH C160 | Introduction to Statistics | (4) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| BIOLSCI 10 | Everyday Biology | (4) | BIOL C100 | Introduction to Biology | (3) |
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| ENV S&P 1 | OR Env Analysis | (4) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ENV S&P 30 | OR Global Ecosystem Same as: ENV SC&M 30 | (3) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| W&F BIO 10 | OR Wildl Ecol Conserve | (4) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| W&F BIO 51 | OR Intro to Conservation Biology | (3) | OR NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| FD S&T 1 | Food Sci Principles | (3) | NO COMPARABLE COURSE | | |
| SOILSCI 10 | Soils in Our Environment | (3) | NO COMPARABLE COURSE | | |
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | NO COMPARABLE COURSE | | |
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| SOCIOL 1 | OR Intro Sociology | (5) | SOC C100 | Introduction to | (3) |

| | | | | | |
|----------|-----------------|-----|----------|------------------|---------------------------------|
| | OR | | | Sociology | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | OR | Analysis of Social Problems (3) |

| | | | | | |
|-----------|---------------------|-----|---|--|--|
| CM&RGDE 1 | The Community | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| CM&RGDE 2 | Ethnicity Amer Comm | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

TRACK III: ECONOMICS AND POLICY

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|-----------------------|-----|----------------------|----------------------------|-----|
| SOCIOL 46B | Intro Social Rsch | (5) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | (4) |
| | Same as: STATIST 13Y | | | | |

| | | | | | |
|---------|----------------|-----|------------|---|-----------------------------|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 | & | General Chemistry A (4) |
| | | | CHEM C180L | | General Chemistry Lab A (1) |

| | | | | | |
|------------|------------------|-----|-----------|-------------------------|-----|
| BIOLSCI 10 | Everyday Biology | (4) | BIOL C100 | Introduction to Biology | (3) |
|------------|------------------|-----|-----------|-------------------------|-----|

| | | | | | |
|----------|--------------------|-----|---|--|--|
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|----------|--------------------|-----|---|--|--|

| | | | | | |
|------------|------------------------------------|-----|----------------------|--|--|
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
|------------|------------------------------------|-----|----------------------|--|--|

| | | | | | |
|-----------|--------------|-----|---|--|--|
| ENV S&P 1 | Env Analysis | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|-----------|--------------|-----|---|--|--|

| | | | | | |
|------------|----------------------|-----|---|--|--|
| ENV S&P 30 | Global Ecosystem | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | Same as: ENV SC&M 30 | | | | |

| | | | | | |
|------------|---------------------|-----|---|--|--|
| W&F BIO 10 | Wildl Ecol Conserve | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|------------|---------------------|-----|---|--|--|

| | | | | | |
|------------|-------------------------------|-----|---|--|--|
| W&F BIO 51 | Intro to Conservation Biology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
|------------|-------------------------------|-----|---|--|--|

| | | | | | |
|----------|---------------------|-----|----------------------|--|--|
| FD S&T 1 | Food Sci Principles | (3) | NO COMPARABLE COURSE | | |
|----------|---------------------|-----|----------------------|--|--|

| | | | | | |
|------------|--------------------------|-----|----------------------|--|--|
| SOILSCI 10 | Soils in Our Environment | (3) | NO COMPARABLE COURSE | | |
|------------|--------------------------|-----|----------------------|--|--|

| | | | | | |
|---------|--------------------|-----|-----------|------------------------------|-----|
| ECON 1A | Princ of Microecon | (4) | ECON C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |

| | | | | | |
|-----------|-------------------|-----|----------------------|--|--|
| POL SCI 4 | Bas Cnpt/Pol Thry | (4) | NO COMPARABLE COURSE | | |
|-----------|-------------------|-----|----------------------|--|--|

| | | | | | |
|----------|-----------------------|-----|-----------|-----------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | |

| | | | | | |
|-----------|---------------------|-----|---|-------------------------------------|-----|
| SOCIOL 1 | Intro Sociology | (5) | SOC C100 | Introduction to Sociology | (3) |
| | OR | | | OR | |
| SOCIOL 3 | Social Problems | (4) | SOC C185 | Analysis of Social Problems | (3) |
| ----- | | | | | |
| CM&RGDE 1 | The Community | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| ----- | | | | | |
| PHILOS 14 | Eth Soc Prob in Soc | (4) | PHIL C120 | From Ethics to Making Moral Choices | (3) |
| | OR | | | OR | |
| PHILOS 15 | Intro to Bioethics | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| | OR | | | OR | |
| PHILOS 24 | Intro to Ethics | (4) | NO COMPARABLE COURSE | | |

END OF MAJOR

====Sustainable Environmental Design B.S.====

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The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression

OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|-------------|------------------------------------|-----|--|----------------------|-----|
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| <hr/> | | | | | |
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| UWRITING 1 | Expository Writing | (4) | ENGL C100 | Freshman Composition | (3) |
| | OR | | OR | | |
| UWRITING 48 | Style in the Essay | (4) | NO COMPARABLE COURSE | | |
| | Formerly UWRITING 18 | | | | |
| | OR | | OR | | |
| UWRITING 49 | Writing Research Papers | (4) | NO COURSE ARTICULATED: College has not | | |
| | Formerly UWRITING 19 | | submitted course(s) for articulation | | |
| <hr/> | | | | | |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |

ALL OF THE FOLLOWING COURSES:

| | | | | | |
|------------|-------------------------------|-----|---|--|--|
| LND ARC 1 | Intro Environ Design | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| LND ARC 2 | Place, Culture, Community | (4) | NO COMPARABLE COURSE | | |
| LND ARC 3 | Sustainable Development | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| LND ARC 21 | Landscape Rep I | (4) | NO COMPARABLE COURSE | | |
| | Formerly Design Visualization | | | | |
| LND ARC 30 | History Environ Design | (4) | NO COMPARABLE COURSE | | |
| LND ARC 50 | Site Ecology | (4) | NO COMPARABLE COURSE | | |
| LND ARC 70 | Intro to Spacemaking | (4) | NO COMPARABLE COURSE | | |

AND ONE COURSE IN A PHYSICAL SCIENCE

END OF MAJOR

====Textiles and Clothing B.S. (Marketing/Economics)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is highly recommended that students complete chemistry courses before transferring. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

Transfer students must also meet UC transfer admission requirements. See the [UC Transfer Admission website](#) for details. UC Davis requires that students complete the minimum transfer admission requirement by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer Admission Guarantee (TAG) Note:

GPA and other requirements to obtain a UC Davis TAG may differ from those stated here for general transfer admission to the major. Visit <http://tag.ucdavis.edu> for details regarding UC Davis TAG.

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College of Agricultural and Environmental Sciences (A&ES) General Education (GE) English Composition Requirement for the Bachelor's Degree:

The College of A&ES English Composition requirement for the Bachelor's degree is an element of the UC Davis General Education (GE) pattern. This GE requirement may be satisfied by completing either two courses emphasizing written expression OR one course emphasizing written expression and one course emphasizing oral expression, with a grade of C- (or P) or better. The following UC Davis lower-division courses are among those that have been approved to satisfy this requirement: English 3, University Writing Program 1, 18, 19 (emphasis in writing skills); Communication 1*, Comparative Literature 1, 2, 3, 4, or Native American Studies 5 (emphasis in either writing or speaking skills). The English Composition requirement may also be met by achieving a score of 4 or 5 on the

Advanced Placement (AP) English examination PLUS completing any previously listed course, EXCEPT English 3 or University Writing Program 1. See the current articulation for appropriate courses available at your California Community College (CCC).

CCC transfer students who have successfully completed the IGETC lower-division coursework are exempt from all GE requirements that may be met with lower-division courses. Go to the For General Education/Breadth section of ASSIST for more information about UC Davis GE.

You should also be aware, however, that the University requires two courses in English composition to be completed with C grades or higher for transfer admission. See the [UC Transfer Admission website](#). The courses used for the A&ES English Composition Requirement and those chosen for admission may be the same if chosen carefully. Some majors may also require additional English courses beyond the GE/College English composition requirement. Please contact your CCC counselor or the UC Davis College of A&ES if you have any questions.

*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

Advanced Placement (AP) and International Baccalaureate (IB) Examination Note:

AP and IB examination credit policies are detailed in the UC Davis 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | |
|--------------|-------------------------|-----|--|---|
| PL SCI 21 | Computers in Technology | (3) | | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | | OR |
| B) ENG CS 15 | Intro to Computers | (4) | | NO COMPARABLE COURSE |
| | OR | | | OR |
| ENG CS 36A | Programming | (4) | | NO COMPARABLE COURSE |
| | Formerly ENG CS 30 | | | |

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 C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | | ECON C175 | Principles of Macroeconomics | (3) |

4 QUARTER UNITS FROM THE FOLLOWING:

| | | | | | | |
|-----------|---|-----|--|----------------------|-----------------------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | | OR | | |
| SCI&SOC 1 | Critical Inquiry into Contemporary Issues | (4) | | NO COMPARABLE COURSE | | |
| | OR | | | OR | | |
| ARTHI 1A | Ancient Mediterranean Art | (4) | | NO COMPARABLE COURSE | | |
| | OR | | | OR | | |
| ARTHI 1B | Mediev&Renaiss Art | (4) | | ART C100 & | History and Appreciation of Art 1 | (3) |
| | | | | ART C101 | History and Appreciation of Art 2 | (3) |
| | OR | | | OR | | |
| ARTHI 1C | Baroque to Modern Art | (4) | | ART C100 & | History and | (3) |

| | | | | | | |
|----------|--------------|-----|--|----------------------|---|-----|
| | | | | ART C101 | Appreciation of Art 1 History and Appreciation of Art 2 | (3) |
| | | | | | OR | |
| ARTHI 1D | Arts of Asia | (4) | | NO COMPARABLE COURSE | | |

ALL OF THE FOLLOWING COURSES:

| | | | | | | |
|------------|-----------------------|-----|---------------------------|---|-----------|------------|
| PHYSICS 1A | Principles Physics | (3) | | NO COMPARABLE COURSE | | |
| | | | | | OR | |
| PHYSICS 10 | Topics, Nonscientists | (4) | PHYS C185 | Calculus Based Physics: Mech | | (3) |
| PSYCH 1 | General Psychology | (4) | PSYC C100 | Introduction to Psychology | | (3) |
| SOCIOL 2 | Self and Society | (4) | | NO COMPARABLE COURSE | | |
| STATIST 13 | Elementary Statistics | (4) | MATH C160 | Introduction to Statistics | | (4) |
| | Same as: STATIST 13Y | | | | | |
| TEX&CL 6 | Intro Textiles | (4) | | NO COMPARABLE COURSE | | |
| TEX&CL 7 | Style & Cult Std | (4) | | NO COMPARABLE COURSE | | |
| TEX&CL 8 | Textile Apparel Ind | (4) | | NO COMPARABLE COURSE | | |
| MGMT 11A | Elem Accounting | (4) | ACCT C101 | Financial Accounting | | (4) |
| MGMT 11B | Elem Accounting | (4) | ACCT C102 | Managerial Accounting | | (4) |
| CHEM 10 | Concept of Chem | (4) | | NO COMPARABLE COURSE | | |
| | | | | | OR | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | | (4) (1) |
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | | (4) |
| | | | | OR | | |
| | | | MATH C180 | Calculus 1 | | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | | (4) |
| | | | | OR | | |
| | | | MATH C185 | Calculus 2 | | (5) |

RESTRICTED ELECTIVES (12 QUARTER UNITS):

| | | | | | | |
|------------|-------------------------|-----|-----------|----------------------|--|-----|
| AGRESEC 18 | Business Law | (4) | | NO COMPARABLE COURSE | | |
| DESIGN 77 | Intro to Fashion Design | (4) | | NO COMPARABLE COURSE | | |
| MATH 16C | Short Calculus | (3) | MATH C185 | Calculus 2 | | (5) |

Foreign language units may be used to satisfy any or all of the required 12 units.

END OF MAJOR

B) UCD ENG CS 15 not intended for Computer Science or Computer Science Engineering majors. Only two units of credit allowed to students who have completed PLT SCI 21.

====Textiles and Clothing B.S. (Textile Science)====

IMPORTANT ADVISORY FOR FALL 2019 APPLICANTS:

The undergraduate major Textiles and Clothing in the College of Agricultural and Environmental Sciences is suspended for 2019-20, and fall 2019 TAGs will not be available.

Special Advising Note:

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. In particular, it is 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 2018-19 [General Catalog](#) . Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | |
|--------------|-------------------------|-----|---|
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| | OR | | OR |
| B) ENG CS 15 | Intro to Computers | (4) | NO COMPARABLE COURSE |
| | OR | | OR |
| ENG CS 36A | Programming | (4) | NO COMPARABLE COURSE |
| | Formerly ENG CS 30 | | |

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 C170 | Principles of Microeconomics | (3) |
| ECON 1B | Princ of Macroecon | (4) | ECON C175 | Principles of Macroeconomics | (3) |

4 QUARTER UNITS FROM THE FOLLOWING:

| | | | | | |
|-----------|---|-----|----------------------|-----------------------------------|-----|
| ANTHRO 2 | Cultural Anthropology | (5) | ANTH C100 | Cultural Anthropology | (3) |
| | OR | | OR | | |
| SCI&SOC 1 | Critical Inquiry into Contemporary Issues | (4) | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| ARTHI 1A | Ancient Mediterranean Art | (4) | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| ARTHI 1B | Mediev&Renaiss Art | (4) | ART C100 & | History and Appreciation of Art 1 | (3) |
| | | | ART C101 | History and Appreciation of Art 2 | (3) |
| | OR | | OR | | |
| ARTHI 1C | Baroque to Modern Art | (4) | ART C100 & | History and Appreciation of Art 1 | (3) |
| | | | ART C101 | History and Appreciation of Art 2 | (3) |
| | OR | | OR | | |
| ARTHI 1D | Arts of Asia | (4) | NO COMPARABLE COURSE | | |

ALL OF THE FOLLOWING COURSES:

| | | | | | |
|------------|-----------------------|-----|----------------------|------------------------------|-----|
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| | OR | | OR | | |
| PHYSICS 10 | Topics, Nonscientists | (4) | PHYS C185 | Calculus Based Physics: Mech | (3) |

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:

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NOTE: Lower-division preparation for the Honors A.B. major in Theatre and Dance is the same as that below.

ONE COURSE FROM THE FOLLOWING:

| | | | |
|-------------|---------------------|-----|---|
| DRAMART 21A | Fundamentals of Act | (4) | NO COMPARABLE COURSE |
| DRAMART 40A | Beg Modern Dance | (2) | NO COMPARABLE COURSE |
| DRAMART 40B | Int Modern Dance | (2) | NO COMPARABLE COURSE |
| DRAMART 42A | Beg Ballet | (2) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

DRAMART 42B Inter Ballet (2) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

ALL OF THE FOLLOWING COURSES:

DRAMART 28 Stagecraft & Management (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
DRAMART 55 Cont Theatre Dance Perf (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
DRAMART 56A Hist Theatre Dance I (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
DRAMART 56B Hist Theatre Dance II (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation
DRAMART 56C Hist Theatre Dance III (4) | NO COURSE ARTICULATED: College has not
submitted course(s) for articulation

END OF MAJOR

====Viticulture and Enology B.S.====

Special Advising Note:

REQUIREMENTS FOR ADMISSION:

(for 2019-20)

This major is selective and requires preparatory coursework for admission. Any required courses that are offered at your current campus must be completed by the close of spring term prior to fall enrollment at UC Davis. If required courses are not offered at your college, you must complete them after enrolling at UC Davis.

Transfer students must earn an overall transfer GPA of 2.80 or higher to be competitive candidates for admission to this major. Candidates must complete courses comparable to the following UC Davis courses with a GPA of at least 3.00 for the group. It is required that candidates have a cumulative GPA of at least 3.00 for courses in the group below that have been completed by the time of application and maintain the GPA through the transfer academic update filing period. Courses must be taken for a letter grade, with no grade less than C. Advanced Placement (AP) or International Baccalaureate (IB) Higher Level examinations may satisfy UC Davis course equivalents:

General Chemistry 2A/B/C
Organic Chemistry 8A
Mathematics 16A
Physics 1A/B or 7A
Biological Sciences 2A

It is strongly recommended that students complete courses comparable to the following UC Davis courses; if taken, the student must have a GPA of at least 3.00 for the entire group of courses listed above and below. Courses must be taken for a letter grade, with no grade less than C:

Organic Chemistry 8B
Mathematics 16B
Plant Sciences 2

Transfer students must also meet UC transfer admission requirements. UC Davis requires that students complete the minimum transfer admission requirements by the end of spring term prior to fall enrollment. In order to receive priority consideration it is strongly recommended that transfer students complete UC transfer admission requirements in English and mathematics by the end of fall term prior to enrollment.

Transfer students are strongly advised to complete as many preparatory courses

as possible for their major before enrolling at UC Davis. Preparing well for the major helps students move efficiently toward graduation and significantly reduces time to degree.

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*Students majoring in Sustainable Agriculture and Food Systems who plan to fulfill the UC Davis pattern of General Education must complete Communication 1 as part of their English Composition requirement.

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| | | | | | |
|------------|-----------------------------|-----|---|--|------------|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| | OR | | | | |
| PL SCI 2 | Bot Physio Cul Plt | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A General Chemistry Lab A | (4) (1) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & CHEM C185L | General Chemistry B General Chemistry Lab B | (4) (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) (2) |
| PL SCI 21 | Computers in Technology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation | | |

OR EQUIVALENT AND advisor APPROVAL

| | | | | | |
|------------|--------------------|-----|-----------------------|---|------------|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| MATH 16B | Short Calculus | (3) | MATH C180 | Calculus 1 | (5) |
| | | | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| | AND | | | | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| | OR | | | | |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & PHYS C125 | Algebra Based Physics: Mech Algebra Based1 Physics: Elec/Mag | (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 2018-19 [General Catalog](#). Quick reference charts for [AP](#) and [IB](#) are also available from our TAG website.

| | | | | | |
|--|-----------------------|-----|----------------------|----------------------|-----|
| UWRITING 1 | Expository Writing | (4) | ENGL C100 | Freshman Composition | (3) |
| | AND | | | AND | |
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 | Public Speaking | (3) |
| | OR | | | OR | |
| COMUNCN 3 | Intprsnl Com Cmpetnce | (4) | NO COMPARABLE COURSE | | |
| | OR | | | OR | |
| DRAMART 10 | Intro To Acting | (4) | THEA C106 | Acting Fundamentals | (3) |
| Note: Completing UWP 1 and Communication 1 will simultaneously satisfy the College requirements. | | | | | |

| | | | | | |
|------------|--|-----|----------------------|----------------------------|-----|
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 | Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 | Diversity of Organisms | (5) |

| | | | | | |
|---------|--------------------|-----|------------------------|---|-----|
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & CHEM C180L | General Chemistry A Lab A | (4) |
| | | | CHEM C185 & CHEM C185L | General Chemistry B Lab B | (4) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & CHEM C220L | Organic Chemistry B Organic Chemistry A Lab | (3) |

| | | | | | |
|----------|----------------|-----|-----------|-------------------|-----|
| MATH 16A | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C180 | Calculus 1 | (5) |
| MATH 16B | Short Calculus | (3) | MATH C140 | Business Calculus | (4) |
| | | | OR | | |
| | | | MATH C185 | Calculus 2 | (5) |

| | | | | | |
|------------|--------------------|-----|----------------------|--|--|
| PHYSICS 1A | Principles Physics | (3) | NO COMPARABLE COURSE | | |
| PHYSICS 1B | Principles Physics | (3) | NO COMPARABLE COURSE | | |

ONE COURSE FROM THE FOLLOWING (3-4 QUARTER UNITS):

| | | | |
|------------|-------------------------------|-----|---|
| W&F BIO 10 | Wildl Ecol Conserve | (4) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| W&F BIO 50 | Calif Wild Vertebrates | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |
| W&F BIO 51 | Intro to Conservation Biology | (3) | NO COURSE ARTICULATED: College has not submitted course(s) for articulation |

RECOMMENDED COURSES FOR THE WILDLIFE HEALTH AREA OF SPECIALIZATION:

| | | | |
|------------|----------------------|-----|--|
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & General Chemistry B (4) CHEM C185L General Chemistry Lab B (1) |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & Organic Chemistry A (3) CHEM C220L Organic Chemistry A Lab (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & Organic Chemistry A (3) CHEM C220L & Organic Chemistry A Lab (2) CHEM C225 & Organic Chemistry B (3) CHEM C225L Organic Chemistry B Lab (2) |
| CHEM 118C | Org Chem, Hlth & Sci | (4) | CHEM C225 & Organic Chemistry B (3) CHEM C225L Organic Chemistry B Lab (2) |
| PHYSICS 7A | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) PHYS C125 Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7B | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) PHYS C125 Algebra Basedl Physics: Elec/Mag (4) |
| PHYSICS 7C | General Physics | (4) | PHYS C120 & Algebra Based Physics: Mech (4) PHYS C125 Algebra Basedl Physics: Elec/Mag (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 C180 Calculus 1 (5) |
| MATH 21B | Calculus | (4) | MATH C185 Calculus 2 (5) |
| MATH 21C | Calculus | (4) | MATH C185 Calculus 2 (5) |
| MATH 21D | Vector Analysis | (4) | MATH C280 Calculus 3 (5) |
| MATH 22A | Linear Algebra | (3) | MATH C285 Introduction to Linear Algebra and Differential (5) |

| | | | Equations | | |
|------------|-----------------------------------|-----|----------------------|--|-----|
| MATH 22B | Differntl Equations | (3) | MATH C280 | Calculus 3 | (5) |
| | | | <u>OR</u> | | |
| | | | MATH C285 | Introduction to Linear Algebra and Differential Equations | (5) |
| CHEM 2A | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L | General Chemistry Lab A | (1) |
| CHEM 2B | Genl Chemistry | (5) | CHEM C180 & | General Chemistry A | (4) |
| | | | CHEM C180L & | General Chemistry Lab A | (1) |
| | | | CHEM C185 & | General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 2C | Genl Chemistry | (5) | CHEM C185 & | General Chemistry B | (4) |
| | | | CHEM C185L | General Chemistry Lab B | (1) |
| CHEM 8A | Organic Chem-Brief | (2) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 8B | Organic Chem-Brief | (4) | CHEM C225 & | Organic Chemistry B | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118A | Org Chem, Hlth & Sci | (4) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C220L | Organic Chemistry A Lab | (2) |
| CHEM 118B | Org Chem, Hlth & Sci | (4) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C220L & | Organic Chemistry A Lab | (2) |
| | | | CHEM C225 & | Organic Chemistry B | (3) |
| | | | CHEM C225L | Organic Chemistry B Lab | (2) |
| CHEM 128A | Organic Chemistry | (3) | CHEM C220 | Organic Chemistry A | (3) |
| CHEM 128B | Organic Chemistry | (3) | CHEM C220 & | Organic Chemistry A | (3) |
| | | | CHEM C225 | Organic Chemistry B | (3) |
| CHEM 129A | Organic Chem Lab | (2) | CHEM C220L | Organic Chemistry A Lab | (2) |
| PHYSICS 9A | Classical Physics | (5) | PHYS C185 | Calculus Based Physics: Mech | (3) |
| PHYSICS 9B | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9C | Classical Physics | (5) | NO COMPARABLE COURSE | | |
| PHYSICS 9D | Modern Physics | (4) | NO COMPARABLE COURSE | | |
| BIMEDEN 20 | Fundamentals of Bioengineering | (4) | NO COMPARABLE COURSE | | |
| ENGIN 4 | Graphics in Design | (3) | NO COMPARABLE COURSE | | |

| | | | | |
|------------|--|-----|---|-----|
| ENGIN 6 | Engr Prob Solving | (4) | NO COMPARABLE COURSE | |
| ENGIN 17 | Circuits I | (4) | NO COMPARABLE COURSE | |
| ENGIN 35 | Statics | (4) | NO COMPARABLE COURSE | |
| ENGIN 45 | Prop of Mats | (4) | NO COMPARABLE COURSE | |
| ENG CS 20 | C Sci/Discrete Math | (4) | NO COMPARABLE COURSE | |
| ENG CS 36A | Programming Formerly ENG CS 30 | (4) | NO COMPARABLE COURSE | |
| ENG CS 36B | Object-Oriented Program Formerly ENG CS 40 | (4) | NO COMPARABLE COURSE | |
| ENG CS 50 | Machine Dependent Prog | (4) | NO COMPARABLE COURSE | |
| ENG CS 36C | Data Structures Formerly ENG CS 60 | (4) | ICS C123 Fundamental Data Structures | (3) |
| ENG BS 1 | Biosys Engr Fndts | (4) | NO COMPARABLE COURSE | |
| ENG BS 75 | Prop Mat in Bio Sys | (4) | NO COMPARABLE COURSE | |
| ENG MEC 50 | Mfg Processes | (4) | NO COMPARABLE COURSE | |
| ENG CHM 51 | Material Balances | (4) | NO COMPARABLE COURSE | |
| ENG CHM 60 | Engineering Problem Solv | (4) | NO COURSE ARTICULATED | |
| ENG CHM 80 | Chem Engr Profession | (1) | NO COMPARABLE COURSE | |
| ENG E&C 7 | Prog & Microcontrollers | (4) | NO COURSE ARTICULATED | |
| UWRITING 1 | Expository Writing | (4) | ENGL C100 Freshman Composition | (3) |
| ENGLISH 3 | Intro to Lit | (4) | NO COMPARABLE COURSE | |
| COMUNCN 1 | Intro Public Spkg | (4) | CMST C110 Public Speaking | (3) |
| COMUNCN 3 | Intprsnl Com Cmpetnce | (4) | NO COMPARABLE COURSE | |
| BIOLSCI 2A | Intro Biology:Life on Earth | (5) | BIOL C180 Cell and Molecular Biology | (4) |
| BIOLSCI 2B | Intro Biology: Ecology & Evolution | (5) | NO COMPARABLE COURSE | |
| BIOLSCI 2C | Intro Biology: Biodiversity & the Tree of Life | (5) | BIOL C185 Diversity of Organisms | (5) |
| GEOLOGY 50 | Physical Geology | (3) | NO COURSE ARTICULATED: College has not submitted course(s)for articulation | |
| ATM SCI 60 | Intro to Atmospheric Science | (4) | NO COMPARABLE COURSE | |

END OF MAJOR