

| LOWER DIVISION<br>ENGINEERING<br>UCD COURSES | LOWER DIVISION<br>TRANSFER<br>COURSES           | AERO | BIO-<br>SYS | BIOMED<br>ENGR | CHEM | BIOCHEM | CIV | COMP<br>ENGR | ELEC** | COMP<br>SCI<br>ENGR+ | MTL<br>SCI | MECH*** |
|--|---|------|-------------|----------------|------|---------|-----|--------------|--------|----------------------|------------|---------|
| Math 21A, B, C, D                            | Math 160 or 190, 161 or 191,<br>161 or 191, 220 | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Math 22A                                     | Math 270  | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Math 22B                                     | Math 270  | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Chem 2A                                      | Chem 1A   | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Chem 2B                                      | Chem 1A & 1B                                    | X    | X           | X              | X    | X       | X   | --           | --     | --                   | X          | X       |
| Chem 2C                                      | Chem 1B   | --   | --          | X              | X    | X       | --  | --           | --     | --                   | X          | --      |
| Chem 8A                                      | Chem 7A   | --   | #+          | X±             | --   | --      | --  | --           | --     | --                   | --         | --      |
| Chem 8B                                      | Chem 7B   | --   | #+          | X±             | --   | --      | --  | --           | --     | --                   | --         | --      |
| Chem 118A, 118B                              | Chem 7A, Chem 7A & 7B                           | --   | #+          | X±             | --   | --      | --  | --           | --     | --                   | --         | --      |
| Chem 128A,B; 129A                            | Chem 7A, 7A & 7B; 7A                            | --   | --          | --             | X    | X       | --  | --           | --     | --                   | --         | --      |
| Physics 9A                                   | Physics 1A                                      | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Physics 9B                                   | Physics 1B & 1D                                 | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Physics 9C                                   | Physics 1C                                      | X    | X           | X              | X    | X       | X   | X            | X      | X                    | X          | X       |
| Physics 9D                                   | Physics 1D                                      | X    | --          | --             | --   | --      | --  | X            | X      | X                    | X          | #       |
| BIM 1  | NEC   | --   | --          | #              | --   | --      | --  | --           | --     | --                   | --         | --      |
| BIM 20                                       | NEC   | --   | --          | #              | --   | --      | --  | --           | --     | --                   | --         | --      |
| ENG 4  | NEC   | X    | --          | --             | --   | --      | --  | --           | --     | --                   | --         | X       |
| ENG 6  | NEC   | X~   | X           | X              | X~   | X~      | X~  | --           | #      | --                   | X~         | X~      |
| ENG 17                                       | NEC   | X    | X           | X              | --   | --      | --  | X            | X      | X                    | X          | X       |
| ENG 35                                       | Engr 9  | X    | X           | --             | --   | --      | X   | --           | --     | --                   | O          | X       |
| ENG 45                                       | NEC   | X    | --          | --             | X    | --      | X   | --           | --     | --                   | X          | #       |
| ECS 20                                       | Math 210  | --   | --          | --             | --   | --      | --  | X            | --     | X                    | --         | --      |
| ECS 30                                       | CS 1 or 3                                       | X~   | --          | --             | X~   | X~      | X~  | X            | X      | X                    | X~         | X~      |
| ECS 40                                       | CS 30   | --   | --          | --             | --   | --      | --  | X            | --     | X                    | --         | --      |
| ECS 50                                       | NEC   | --   | --          | --             | --   | --      | --  | --           | --     | X                    | --         | --      |
| ECS 60                                       | NEC   | --   | --          | --             | --   | --      | --  | X            | --     | X                    | --         | --      |
| EBS 1  | NEC   | --   | #           | --             | --   | --      | --  | --           | --     | --                   | --         | --      |
| EBS 75                                       | NEC   | --   | #           | --             | --   | --      | --  | --           | --     | --                   | --         | --      |
| EME 50                                       | NEC   | --   | --          | --             | --   | --      | --  | --           | --     | --                   | --         | #       |
| ECM 6  | NEC   | --   | --          | --             | X~   | X~      | --  | --           | --     | --                   | X~         | --      |
| ECH 51                                       | NEC   | --   | --          | --             | #    | #       | --  | --           | --     | --                   | --         | --      |
| ECH 80                                       | NEC   | --   | --          | --             | #    | #       | --  | --           | --     | --                   | --         | --      |
| *UWP 1 or English 3<br>Communication 1 or 3  | Engl 1A or 1B or 1BH<br>Coms 100 or Coms 130    | X    | X%          | X              | X    | X       | X   | X            | #      | X                    | X          | #       |
|  |   | X    | X           | --             | --   | --      | X   | X            | #      | X@                   | X          | #       |
| Bio. Sci. 2A                                 | Bio 102   | --   | X           | X              | X    | X       | --  | --           | --     | --                   | --         | --      |
| Bio. Sci. 2B                                 | Bio 101   | --   | #           | --             | --   | --      | --  | --           | --     | --                   | --         | --      |
| Bio. Sci. 2C                                 | Bio 101 & 102                                   | --   | #           | --             | --   | --      | --  | --           | --     | --                   | --         | --      |

X=REQUIRED FOR ADMISSIONS

#=REQUIRED FOR GRADUATION

O=RECOMMENDED

**PLEASE REFER TO PAGE 2 FOR IMPORTANT INFORMATION ON TRANSFER ADMISSION REQUIREMENTS AND VISIT [ASSIST.ORG](http://ASSIST.ORG), THE OFFICIAL STATEWIDE REPOSITORY FOR ARTICULATION WITH CALIFORNIA COMMUNITY COLLEGES.**

The community college courses listed will be accepted toward meeting the lower division requirements in Engineering. Acceptance for fall 2017 is based upon analysis of courses in effect for the 2016-17 academic year as published to ASSIST and may be subject to change in subsequent years. Please refer to ASSIST.ORG to identify the most up-to-date California community college courses that will be accepted toward meeting the lower-division requirements in Engineering. Contact your counselor or the UCD College of Engineering Undergraduate Office, (530) 752-1979 or consult <http://engineering.ucdavis.edu/>, if you have any questions.

When there are more applicants than spaces available, priority is given to transfers from California community colleges 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.

Fall 2017 applicants to the UC Davis Transfer Admission Guarantee (TAG) program must achieve a minimum overall UC transferable GPA of 3.30 and a required course group GPA of 3.20 in all specified lower-division engineering major requirements that are available at the student's primary community college. For additional details regarding TAG, visit <http://tag.ucdavis.edu>.

\*For certain majors, the College of Engineering requires one English course as part of its lower division preparation. However, the University requires two courses in English composition for admissions eligibility. When chosen carefully, this second course could help satisfy general education requirements. Please contact your college counselor or the UC Davis College of Engineering Undergraduate Office if you have any questions. Biological Systems Engineering requires UWP 1 to satisfy the lower division composition requirement so students applying to that major must have UWP 1 for one of the two courses required for graduation.

**IGETC:** Transfer students should place highest priority on completing all requirements for their chosen engineering major. By completing IGETC, however, the General Education requirement at UC Davis will be totally satisfied. Completing IGETC is not required, nor does it improve the likelihood a student will be admitted.

### Comments:

X~ Required for admissions. Students must complete **one** programming course in a higher level language, intended for students majoring in engineering, physical sciences or mathematics.

X‡ Required for admissions for Biomedical Engineering. Students must complete the equivalent of CHE 8A-B or CHE 118A-B.

X@ Only Communication 1 can be used to satisfy the communications requirement for Computer Science and Engineering. No credit will be allowed for Communication 3.

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

#+ Required for graduation for Bio Systems Engineering majors only. Students must complete the equivalent of course CHE 8A or 118A and CHE 8B or CHE 118B

### Recommendations:

**\*\*Applicants to Electrical Engineering majors** are no longer required to complete Communication 1 or 3, Engineering 6, English 3 or University Writing Program 1. These courses are strongly recommended to be completed before transferring, as students will still be required to complete them at UC Davis upon transferring for graduation in the major.

**\*\*\*Applicants to Mechanical Engineering majors** are no longer required to complete Communication 1 or 3, Engineering 45, Physics 9D, English 3 or University Writing Program 1. These courses are strongly recommended to be completed before transferring, as students will still be required to complete them at UC Davis upon transferring for graduation in the major.

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