## Major Prep Courses for Engineering Majors

## UCLA

 SamueliSchool of Engineering


Majors that require at least one prep course taken at UCLA be Physics at the time of applying: CV, CE, CS, CSE, EE
Majors that require at least one prep course taken at UCLA be Chemistry at the time of applying: $\mathrm{BE}, \mathrm{CH}$
Majors that require at least one prep course taken at UCLA be Chemistry or Physics at the time of applying: MAT

Majors that require at least two prep courses taken at UCLA be one from Chemistry and one from Physics at the time of applying: AE, ME
$\checkmark \quad$ Appicants to CE, CS, and CSE must have completed all the courses with the minimum grades in red on the first attempt before applying

## Calculating your Prep GPA

Total Grade Points $/$ Total attempted Units $=$ GPA

| $\mathrm{A} / \mathrm{A}+$ | 4 |
| :---: | :---: |
| $\mathrm{~A}-$ | 3.7 |
| $\mathrm{~B}+$ | 3.3 |
| B | 3 |
| $\mathrm{~B}-$ | 2.7 |
| $\mathrm{C}+$ | 2.3 |
| C | 2 |
| $\mathrm{C}-$ | 1.7 |
| $\mathrm{D}+$ | 1.3 |
| D | 1 |
| $\mathrm{D}-$ | 0.7 |
| F | 0 |

STEP 1: From the list of Prep for the Major you are applying to, identify any courses you have completed and how many units each course was worth.

STEP 2: Use this chart to convert Letter grades to numeric values and cacluate grade points earned for each course (letter grade numeric value $x$ units course was worth)

Divide total grade points by total units of all prep courses taken to get your Prep GPA

Example

| Course | Units | LG | Grade Value | Grade Points |
| :--- | :---: | :---: | :---: | :---: |
| Math 31B | 4 | A | 4 | 16 |
| Math 32A | 4 | B + | 3.3 | 13.2 |
| Chem 20A | 4 | A | 4 | 16 |
| Physics 1A | 5 | C + | 2.3 | 11.5 |
| Total Units | 17 |  | Total Grade Pts | 56.7 |
| GPA $=56.7 / 17=3.335$ |  |  |  |  |

Example with In Progress courses (what GPA do you need?)

| Course | Units | LG | Grade Value | Grade Points |
| :---: | :---: | :---: | :---: | :---: |
| Math 31B | 4 | A | 4 | 16 |
| Math 32A | 4 | B+ | 3.3 | 13.2 |
| Chem 20A | 4 | A | 4 | 16 |
| Physics 1A | 5 | C+ | 2.3 | 11.5 |
| Math 32B | 4 | IP |  | 56.7 |

At the end of the Quarter
26 units completed x GPA target (3.500) $=91$ grade pts total needed
Subtract grade points you already have (91-56.7 = 34.3)
Now do the GPA calculation just for your in progress courses
34.3 grade points / 9 units $=3.811$

