### Mechanical Engineering Undergraduate Curriculum

#### FRESHMAN YEAR
- **FALL**
  - MATH 1A
  - CHEM 1A
  - PHYS 7A
  - R&C A
- **SPRING**
  - MATH 1B
  - PHYS 7B
  - R&C B

#### SOPHOMORE YEAR
- **FALL**
  - MATH 53
  - ME 104
  - ME 105
  - ME C85
  - ENG 26
  - E7*
- **SPRING**
  - MATH 54
  - ME 100
  - ME 108
  - ME 109
  - E7*

#### JUNIOR YEAR
- **FALL**
  - ME 102B
  - ME 103**
  - ME 106
  - ME 109
  - H/SS (3-4)
- **SPRING**
  - ME 102B
  - ME 103**
  - ME 108
  - ME 109
  - H/SS (3-4)

#### SENIOR YEAR
- **FALL**
  - ME TECH ELEC
- **SPRING**
  - ME TECH ELEC

### GENERAL NOTES
- If prereqs are met, students are encouraged to take E7 in Freshman Fall.
- Math 53 & 54 must be completed before taking any upper div ME course.
- Please be aware that though courses may not be listed as official prereqs, upper div courses are taught with the expectation that you have taken lower div courses.

### GENERAL TECHNICAL ELECTIVE NOTES
- 15 Units of tech elective are required.
- 9 of 15 units must be ME-sponsored.
- 1 Course must be from Design List.
- 1 Course must be from the QS list.
- Only 3 units of the 15 can be from lower div courses.
- A lower div tech is not required.
- For a list of possible courses, please see [http://www.me.berkeley.edu/undergraduate/course-information/graduate-technical-electives](http://www.me.berkeley.edu/undergraduate/course-information/graduate-technical-electives)

### DESIGN COURSES
All of the courses below are considered ME-Sponsored.
- ENG 128
- ME 101
- ME 110
- ME 117
- ME 119
- ME 128
- ME 130
- ME 135
- ME 146
- ME 165
- ME C176

### LOWER DIV OPTIONS
- Astro 7A, 7B
- BioE 10
- BioE 1A, 2A, 18
- Chem 1B, 3A*, 3B*, 4B
- Phys Eng 15, 60, 70, 93
- CS C8, 61A, 61B, 61C, 70
- Des Inv 15, 90E
- EPS 50
- EE 16B, 20
- ENG 11
- ENG 40
- Math 55
- MSE 45*
- MCB 12*
- Physics 7C
- Stat 20, 21
- *Lab section not required.

### QUANTITATIVE SCIENCE (QS)
All of the courses below are considered ME-Sponsored.
- ENG 117
- ENG 150
- ENG 177
- ME 120
- ME 136
- ME C180

Additional courses outside MechE can be found at [https://www.me.berkeley.edu/undergraduate/course-information/graduate-technical-electives#quantsci](https://www.me.berkeley.edu/undergraduate/course-information/graduate-technical-electives#quantsci)

### LOWER DIV OPTIONS
--eng 26 -eng 29 -eng 7
- eng 100 -eng 7
- math 1a - math 1b
- math 53 - math 54
- me 100 - eng 7
- me 102b - eng
- me 103 - me
- me 104 - eng
- me 106 - me
- me 108 - me
- me 109 - me
- me 132 - mat
- math 40
- chem
- me c85 - mat
- eng 7b - mat
- physics 7a - hs
- physics 7b - 7a,