### Mechanical Engineering Undergraduate Curriculum

#### FRESHMAN YEAR
- **FALL**: MATH 1A (4 units), CHEM 1A (3 units), PHYS 7A (4 units), E26 (2 units), R&C A (4 units)
- **SPRING**: MATH 1B (4 units), PHYS 7B (4 units), E7* (4 units), R&C B (4 units)

#### SOPHOMORE YEAR
- **FALL**: MATH 53 (4 units), PHYS 7B (4 units), ME 104 (3 units), E29 (4 units), ME C85 (3 units)
- **SPRING**: MATH 54 (4 units), PHYS 78 (4 units), ME 100 (4 units), ME 108 (4 units), HSS (3-4 units)

#### JUNIOR YEAR
- **FALL**: ME 106 (4 units), ME 109 (3 units), ME 102B (4 units), ME 103** (3-4 units)
- **SPRING**: ME 100 (4 units), ME 101** (3-4 units), ME 132 (3 units)

#### 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.

#### LOWER DIV OPTIONS
- Astro 7A, 7B
- BoE 10
- Bio 1A & 1AL, 1B
- Chem 1B, 3A*, 3B*, 4B
- Civ Eng 11, 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 32*
- Physics 7C
- Stat 20, 21

#### 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
- ME C178

#### QUANTITATIVE SCIENCE (QS)
- ENG 117
- ENG 150
- ENG 177
- ME 120
- ME 136
- ME C180

#### GENERAL TECHNICAL ELECTIVE NOTES
- 15 Units of tech elective are required.
- 9 of 15 units must be ME-sponsored.
- 1 Course must be from the 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.
- Up to 6 of the 15 units may be taken from outside the dept; the rest must be ME-sponsored.
- ME 191K is not a technical course; it is an H/SS.
- For a list of possible courses, please see http://www.me.berkeley.edu/undergraduate/courses-information/undergraduate-technical-electives

#### COURSE # OF UNITS
- 1 Course must be from the 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.
- Up to 6 of the 15 units may be taken from outside the dept; the rest must be ME-sponsored.
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#### FOR AEROSPACE CONCENTRATION
- TE ME 163. Aerodynamics
- TE ME 136. Intro. to Control of Unmanned

### LOWER DIV OPTIONS

### DESIGN COURSES

### QUANTITATIVE SCIENCE (QS)

### GENERAL NOTES

### LOWER DIV OPTIONS

### DESIGN COURSES

### QUANTITATIVE SCIENCE (QS)

### GENERAL NOTES

### LOWER DIV OPTIONS

### DESIGN COURSES

### QUANTITATIVE SCIENCE (QS)