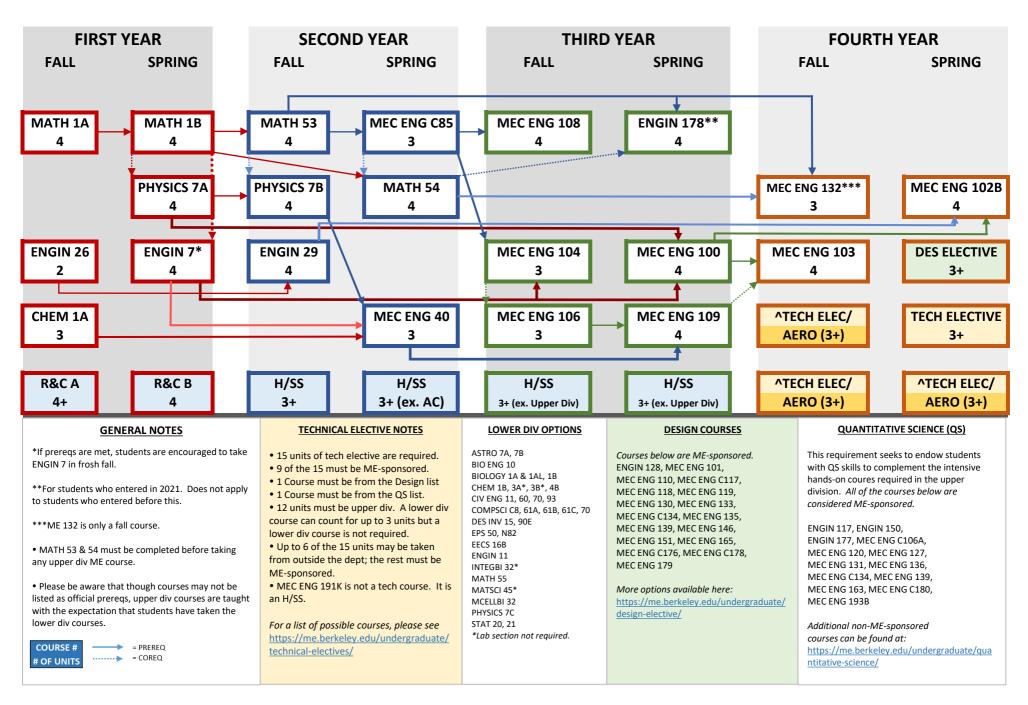
MECHANICAL ENGINEERING CURRICULUM FLOWCHART



MECHANICAL ENGINEERING CURRICULUM FLOWCHART

PREQUISITES INFORMATION COURSE SEQUENCING MATTERS

COUNTS SEQUENCING WATTERS	
	High school chemistry recommended
	MATH 1B (may be taken concurrently)
	None
ENGIN 29 E	ENGIN 26 or equivalent experience in three-dimensional solid modeling (e.g. Solidworks, Fusion 360) is recommended
ENGIN 178 E	ENGIN 7, MATH 1A, MATH 1B, and MATH 53; and MATH 54 (may be taken concurrently)
MATH 1A 3	3.5 years of high school math, including trigonometry and analytic geometry. Students with exam credits (such as AP credit) should consider
С	choosing a course more advanced than 1A
MATH 1B	MATH 1A or MATH N1A
MATH 53	MATH 1B or MATH N1B
MATH 54	MATH 1B, MATH N1B, MATH 10B, or MATH N10B
PHYSICS 7A	High school physics; Math 1A; and Math 1B (which may be taken concurrently)
PHYSICS 7B	PHYSICS 7A, MATH 1A, MATH 1B, and MATH 53 (may be taken concurrently)
MEC ENG 40	CHEM 1A, ENGIN 7, MATH 1B, and PHYSICS 7B
MEC ENG C85	MATH 53 and MATH 54 (may be taken concurrently); PHYSICS 7A
MEC ENG 100 E	ENGIN 7, COMPSCI 10, COMPSCI 61A, COMPSCI C8, or equivalent background in computer programing; MATH 1A or equivalent background
ir	n calculus; PHYSICS 7A or equivalent background in physics
MEC ENG 102B E	ENGIN 25, ENGIN 26, ENGIN 27; and EECS 16A or MEC ENG 100. Please note that junior transfer students are exempt from ENGIN 26
MEC ENG 103	MEC ENG 40; MEC ENG C85 / CIV ENG C30; MEC ENG 100; MEC ENG 106 (can be taken concurrently), and MEC ENG 109 (can be taken concurrently)
MEC ENG 104	MEC ENG C85 and ENGIN 7
MEC ENG 106	MEC ENG C85 / CIV ENG C30 and MEC ENG 104 (104 may be taken concurrently)
MEC ENG 108	MEC ENG C85 / CIV ENG C30
MEC ENG 109	MEC ENG 40 and MEC ENG 106
MEC ENG 132	MATH 53, MATH 54, PHYSICS 7A, and PHYSICS 7B

Note: The most current preregs are located at http://guide.berkeley.edu/courses/

^FOR AEROSPACE CONCENTRATION

- TE MEC ENG 163 or ME/AE C162: Aerodynamics
- TE MEC ENG 136: Intro to Control of UAVs, satisfies QS requirement
- TE MEC ENG 127: ME Composite Materials.

The Aerospace minor requires additional coursework.

https://me.berkeley.edu/undergraduate/aerospace-minor/