

Roadmap: BS Mechanical Engineering 2025-26

Freshman Fall	Units	Freshman Spring	Units
ENGR 1	1	ME 2	1
ME 26	3	CHEM 1A	3
GE Area 1 (Oral Communication)	3	CHEM 1AL	2
GE Area A2 (ENGL 10)	3	Math 76	4
MATH 75	4	PHYS 4A	3
GE Area B22 (BIOL 10)	3	PHYS 4AL	1
		GE Area D1 (HIST 11 or 12)	3
Total	17	Total	17
Sophomore Fall	Units	Sophomore Spring	Units
ME 71	3	ME 95	2
ME 31	3	CE 20	3
ME 32	1	ECE 90	3
MATH 77	4	ECE 90L	1
PHYS 4B	3	Math 81/ENGR101	3
GE Area C2 (PHIL 20)	3	PLSI 2	3
Total	17	Total	15
Junior Fall	Units	Junior Spring	Units
ME 112	3	ME 116	3
ME 115	1	ME 118	1
ME 136	3	ME 156	3
ME 125	3	ME 134	3
CE 121	3	ME 140	3
Required Upper Division Writing Course		PHYS 4C	3
Total	13	Total	16
Senior Fall	Units	Senior Spring	Units
Technical Area Course	3	Technical Area Course	3
ME 135	3	ME 155	3
ME 145	3	ME 166	3
ME 154	3	ME 159	1
GE Area D2	3	GE Area F	3
Total	15	Total	13
TOTAL UNITS 123			

Advising Notes:

1. All LCOE students can enroll in ME 112 and ME 136 without permission numbers if they have fulfilled the prerequisite requirements. For all other upper-division ME courses, non-ME majors must have permission numbers approved by the ME
2. Courses in mathematics, the physical sciences, or engineering taken CR/NC are not counted toward fulfillment of degree requirements in mechanical engineering.
3. Mechanical engineering majors might consider a math, physics, or business minor.
4. Since the mechanical engineering major curriculum is very demanding, many students, especially those not fully prepared in mathematics, chemistry, and/or physics, take 4 1/2 or more years to graduate rather than the traditional 4 years.
5. Advising is mandatory in the Lyles College of Engineering. A registration hold will be placed on students who fail to see their advisor at least once per academic year.
6. The Upper-Division Writing Skills requirement has to be completed no sooner than the term in which 60 units of coursework are completed or no later than the term in which 90 units are completed. This requirement can be met by
7. With faculty advisor approval, ENGR 101 may be taken instead of MATH 81.
8. All courses in Math, Science, and Engineering used in the BSME curriculum must be passed with a C or better grade.
9. Change of major to Mechanical Engineering requires a student to have passed MATH 75 (or equivalent) with a C or better grade, and a total GPA of 3.0 or higher. Any students with the intent to change their major to Mechanical Engineering are