

2024-2025 Major Academic Plan (MAP) – Mechanical Engineering Academic Credit Hours: 134 + ROTC

Freshman	Fall	LDRS 101 (1)	Freshman Seminar (3)	Linked Composition (3)	Freshman Math MATH 131 (4)	Fr. Science CHEM 151/161 (4)	ENGR 101 (2)			ROTC + (Basic)	17
	Spring		Strand Science PHYS 221/271 (4)	Hlth & Fitness RPED 260 (3)	MATH 132 (4)	Fr. Science BIOL 150/151 (4)	MECH 125 (3)			ROTC + (Basic)	<u>18</u> 34

Sophomore	Fall	LDRS 211	Prof Comm COMM 260 (3)	CIVL 202 (3) <i>Quant. Lit</i>	MATH 231 (4)	PHYS 222/272 (4)	MECH 202 (3)			ROTC + (Basic)	17
	Spring		Strand Elective LDRS 202 (3)	CIVL 203 (3)	MATH 234 (4)	ELEC 208 w/Lab (3)	CIVL 304/307 (4) <i>Quant. Lit</i>		RPED	ROTC + (Basic)	<u>17</u> 34

Junior	Fall	LDRS 311	LDRS 371 (3)	MECH 304 w/Lab (3)	MECH 315 w/Lab (3)	MECH 330 w/Lab (3)	MECH 340 w/Lab (3)	MECH 350 (3)	RPED	ROTC + (Advanced)	18
	Spring		PMGT 401 Tech Elec (3) <i>Non-contract</i>	TECH Elective (3) <i>Contract</i>	MECH 316 w/Lab (3)	MECH 365 (3)	MECH 345 (3)	MECH 351 w/Lab (3)	MECH 360 (3)	ROTC + (Advanced)	<u>18</u> 36

Senior	Fall	LDRS 411	Sr. Capstone MECH 481 (3)	Strand ENGS / HISS / SCSS *** (3)	MECH 415 (3)	MECH 450 W/Lab (3)	ME Option I ** (3)			ROTC + (Advanced)	15
	Spring		Sr. Capstone MECH 482 (3)	Strand ENGS / HISS / SCSS *** (3)	Strand ENGS / HISS / SCSS *** (3)	MECH Elective * (3)	ME Option II ** (3)			ROTC + (Advanced)	<u>15</u> 30

Updated 01 Apr 2023

TOTAL 134

* Select CIVL, ELEC, Or MECH 300- or 400-level courses.

** Select two courses from one of five option areas to fulfill ME Option I and II.

*** Select one Strand English, History, or Social Science (not to exceed one of each)

Required hours for graduation are 134 plus the credit hours from successful completion of all required ROTC courses.

+ROTC hours (credit, lecture, and/or lab) may vary each semester by military department; however, the total hours which may be applied toward graduation requirements may not exceed 16 semester hours.