

Major Academic Plan (MAP) – Mechanical Engineering									Academic Credit Hours		
Freshman	Fall	LDRS 101 (1)	MATH 131 (4)	MECH 101 (1)	HIST 103 or HIST 105 (3)	CHEM 140 or CHEM 151 (3)	↔ CHEM 141 or CHEM 161 Lab (1)	ENGL 101 (Must Pass with “C” or Higher (3)	RPED 250 (2)	ROTC + (Basic)	16
	Spring	LDRS 111 (0)	MATH 132 (4)	MECH 102 (2)	PHYS 221 (3) PHYS 271 Lab (1)	BIOL 150 or CHEM 152 (3)	↔ BIOL 151 or CHEM 162 Lab (1)	ENGL 102 (3)	RPED 251 (2)	ROTC + (Basic)	<u>17</u> 33
Sophomore	Fall	LDRS 201 Class (1)	MATH 231 (4)	CIVL 202 (3)	ELEC 201 (3)	PHYS 222 (3)	↔ PHY 272 Lab (1)	COMM 260 (3)		ROTC + (Basic)	18
	Spring	LDRS 211 (0) Fall or Spring	MATH 234 (4)	CIVL 301 (3)	ELEC 202 (3) ELEC 204 Lab (1)	CIVL 304 (3)	↔ CIVL 307 Lab (1)	ENGL 2xx Engl/Amer/ World Lit (3)	RPED	ROTC + (Basic)	<u>18</u> 36
Junior	Fall	LDRS 311 (0)	MATH 335 (3)	MECH 310 w/Lab (3)	MECH 330 w/Lab (3)	MECH 304 w/Lab (3)	MECH 340 w/Lab (3)	MECH 325 w/Lab (3)		ROTC + (Advanced)	18
	Spring		MECH 345 (3)	MECH 311 w/Lab (3)	MECH 350 w/Lab (3)	MECH 460 (3)		HIST 104 Or HIST 106 (3)	RPED	ROTC + (Advanced)	<u>15</u> 33
Senior	Fall	LDRS 411 (0)	MECH 481 (2)	MECH 415 (3)	Technical * Elective (3)	Mech 450 W/Lab (3)	ME Option 1 ** (3)			ROTC + (Advanced)	14
	Spring		MECH 482 (3)	MECH Elective *** (3)	ME Option II ** (3)		Adv. **** Humanities/ Social Sci. Course (3)	Social ++ Science Core Course (3)		ROTC + (Advanced)	<u>15</u> 29

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TOTAL 131

* 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 a MECH 400-level course.

**** To be selected from an approved list of courses in humanities or social science.

Required hours for graduation are 131 plus the credit hours from successful completion of RPED 250, 251 and all required ROTC courses. Credit hours for RPED 250/251 do not count for the 131 required hours for graduation.

+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.

++ Social Science Core Course Choices (Choose 1): ANTH 202 or PSCI 102 or PSYC 201 or SOCI 201