

May 2021 **Major Academic Plan (MAP) – Mechanical Engineering** Academic Credit Hours: **133**

<b>Freshman</b>	Fall	LDRS 101 (1)	FSEM 101 (3)	FSWI 101 (3)	MATH 131 (4)	CHEM 151/161 (4)	MECH 101 (1)		ROTC + (Basic)	16
	Spring		PHYS 221/271 (4)	RPED 260 (3)	MATH 132 (4)	Fr. Science BIOL 150/151 (4)	MECH 102 (2)		ROTC + (Basic)	<u>17</u> <b>33</b>

<b>Sophomore</b>	Fall	LDRS 211 (0)	COMM 260 (3)	CIVL 202 (3) <i>Quant. Lit</i>	MATH 231 (4)	PHYS 222/272 (4)	MECH 225 w/Lab (3)		ROTC + (Basic)	17
	Spring		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> <b>34</b>

<b>Junior</b>	Fall	LDRS 311 (0)	LDRS 371 (3)	MECH 304 w/Lab (3)	MECH 310 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 311 w/Lab (3)	MECH 365 (3)	MECH 345 (3)	MECH 351 w/Lab (3)	MECH 360 (3)	ROTC + (Advanced)	<u>18</u> <b>36</b>

<b>Senior</b>	Fall	LDRS 411 (0)	MECH 481 (3)	Strand 1 (3)	MECH 415 (3)	Mech 450 W/Lab (3)	ME Option 1 ** (3)		ROTC + (Advanced)	15
	Spring		Sr. Capstone MECH 482 (3)	Strand 2 (3)	Strand 3 (3)	MECH Elective * (3)	ME Option II ** (3)		ROTC + (Advanced)	<u>15</u> <b>30</b>

**TOTAL 133**

\* 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.

Required hours for graduation are 133 plus the credit hours from successful completion of all required ROTC courses.

Strand Course Requirements: Students must complete three strand courses, which may be completed in any order: English (ENGS 30X), History (HISS 30X), and Social Science (SCSS 30X).

+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.