

**July 2021** **Major Academic Plan (MAP) – Electrical Engineering** **Academic Credit Hours: 131**

<b>Freshman</b>	Fall	LDRS 101 (1)	FSEM 101 (3)	FSWI 101 (3)	MATH 131 (4)	ELEC 106 (3)	Approved Science + Lab (4)		ROTC + (Basic)	18
	Spring		RPED 260 (3)	MATH 132 (4)	CIVL 314 (2)	ELEC 206 (3)	Approved Science + Lab (4)		ROTC + (Basic)	<u>16</u> <b>34</b>

<b>Sophomore</b>	Fall	LDRS 211 (0)	COMM 260 (3)	ELEC 201 (3) Quantitative Assessment I	MATH 231 (4)	PHYS 221/271 (4)	ELEC 311 (3)		ROTC + (Basic)	17
	Spring		LDRS 202 (3)	ELEC 202 (3) Quantitative Assessment II	MATH 234 (4)	PHYS 222/272 (4)	ELEC 204 Lab (1)	ELEC 330 (3)	RPED	ROTC + (Basic)

<b>Junior</b>	Fall	LDRS 311 (0)	LDRS 371 (3)	ELEC 306 (3)	MATH 335 (3)	ELEC 309 (3)	ELEC 313 Lab (1)	Tech Elective* (3)	ROTC + (Advanced)	16
	Spring		Strand 1 (3)	ELEC 312 (3)	ELEC 316 (3)	ELEC 318 (3)	ELEC 302 Lab (1)	PGMT** 401 (3)**	RPED	ROTC + (Advanced)

<b>Senior</b>	Fall	LDRS 411 (0)	Strand 2 (3)	ELEC 421 (3)	ELEC 412 (3)	ELEC Elective*** (3)	ELEC Elective*** (3)		ROTC + (Advanced)	15
	Spring		Strand 3 (3)	Sr. Capstone ELEC 422 (3)	ELEC Elective*** (3)	ELEC Elective*** (3)	ELEC Elective*** (3)		ROTC + (Advanced)	<u>15</u> <b>30</b>

**TOTAL 131\*\*\*\***

\* Select approved technical 300 or 400-level courses.

\*\* Select PGMT 401 for ROTC fulfillment credit for non-contract students

\*\*\* Select ELEC 400-level course.

\*\*\*\* Required hours for graduation are 131 (134 only if a student takes PGMT 401 for ROTC fulfillment) plus the credit hours from successful completion of all required ROTC courses.

LDRS 101(1), 202(3), 371(3), adds 7 credit hours. BSEE 2+2 will be 124 credit hours.

Required Strand Courses: 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; the total hours which may be applied toward graduation requirements may not exceed 16 semester hours.