

June 2021 **Major Academic Plan (MAP) – Computer Engineering** **Academic Credit Hours: 130**

Freshman	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)	CIVL 314 (2)	MATH 132 (4)	CSCI 201/211 (4)	Approved Science + Lab* (4)		ROTC + (Basic)	<u>17</u> 35

Sophomore	Fall	LDRS 202 (3)	COMM 260 (3)	ELEC 201 (3) Circuit Analysis I	CSCI 202 (3)	PHYS 221/271 (4)	ELEC 311 (3)		ROTC + (Basic)	19
	Spring	LDRS 211 (0)	ELEC 202 (3) Circuit Analysis II	MATH 234 (4)	PHYS 222/272 (4)	ELEC 330 (3)	ELEC 204 Lab (1)	RPED	ROTC + (Basic)	<u>15</u> 34

Junior	Fall	LDRS 311 (0)	LDRS 371 (3)	ELEC 306 (3)	MATH 206 (3)	ELEC 309 (3)	ELEC 428 (3)	ELEC 313 Lab (1)	ROTC + (Advanced)	16
	Spring		Strand 1 (3)	PGMT*** 401 (3)	CSCI 223 (3)	ELEC 312 (3)	ELEC Elective**** (3)	RPED	ROTC + (Advanced)	<u>15</u> 31

Senior	Fall	LDRS 411 (0)	Strand 2 (3)	ELEC 421 (3)	CSCI 420 (3)	ELEC 412 (3)	ELEC Elective**** (3)		ROTC + (Advanced)	15
	Spring		Strand 3 (3)	Sr. Capstone ELEC 422 (3)	CSCI 320 (3)	ELEC Elective**** (3)	Tech Elective** (3)		ROTC + (Advanced)	<u>15</u> 30

TOTAL 130****

* Select CHEM 140/141 or BIOL 150/151
 ** Select CIVL, ELEC, or MECH 300- 0r 400-level courses.
 *** Select PGMT 401 for ROTC replacement credit for non-contract students
 **** Select ELEC 405, 413, 418, 419, 423, 424, 430, 450

**** Required hours for graduation are 128 (125 for contract cadets) plus successful completion of all RPED, ROTC, and LDRS graduation requirements. ROTC hours (credits, lectures, and labs) vary each semester by military department.

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

LDRS 101(1), 202(3), 371(3), adds 10 credit hours. BSEE 2+2 will be 122 credit hours.

+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.