

Major Academic Plan (MAP)—B.S. Physics

Academic Credit Hours 125+ROTC

June 2020

Freshman

Fall	LDRS 101 (1)	PHYS 101 (3)	FSEM 101 (3)	FSWI 101 (3)	MATH 131 (4)	Language (3)			ROTC Basic
Spring		PHYS 221 (3)	← PHYS 271 Lab (1)	PHYS 231 (1)	MATH 132 (3)	Language (3)	RPED 260 (3)		ROTC Basic

Sophomore

Fall	LDRS 201 (1)	PHYS 222 (3)	← PHYS 232 Lab (1)	PHYS 272 (1)	MATH 231 (4)	← Approved Elective (3)	COMM 260 (3)		ROTC Basic
Spring	LDRS 211 Fall or Spring (0)	PHYS 223 (3)	← PHYS 233 Lab (1)	PHYS 273 (1)	MATH 234 (4)	PHYS 307 (3)	← PHYS 357 (1)	Strand English (3)	ROTC Basic

Junior

Fall	LDRS 311 (0)	PHYS 315 (3)	PHYS 308 (3)	PHYS 358 (1)	PHYS 320 (3)	Approved Elective (3)	Strand History (3)	RPED (0)	ROTC Advanced
Spring		PHYS 316 (3)	Approved Elective (3)	PHYS 319 (3)	PHYS 451 (2)	LDRS 371 (3)	Strand Social Science (3)	RPED (0)	ROTC Advanced

Senior

Fall	LDRS 411 (0)	PHYS 405 (3)	PHYS 410 (3)	PHYS 420 (3)	Strand Elective (3)	CHEM 151 or BIOL 130 (3)	CHEM 161 or BIOL 131 Lab (1)		ROTC Advanced
Spring		PHYS 403 (3)	PHYS 421 CAPSTONE (3)	Approved Elective (3)	CHEM 152 or BIOL 140 (3)	CHEM 162 or BIOL 141 Lab (1)	Elective (3)		ROTC Advanced

TOTAL

*Approved Electives: BIO, CHEM, PHYS, MATH, CSCI or Engineering classes 301 or above, otherwise by permission of Physics Dept. Head.. Required hours for graduation are 126 plus the credit hours from successful completion of ROTC.

BS PHYS majors can count CHEM 151/161 or BIOL 130/131 as the Science Strand.