

Aug 2022

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

Academic Credit Hours 123+ROTC

Freshman

Fall	LDRS 101 (1)	PHYS 101 (3)	FSEM 101 (3)	FSWI 101 (3)	MATH 131 (4)	Language (3)			ROTC Basic	17
Spring		PHYS 221 (3)	← PHYS 271 Lab (1)	COMM 260 (3)	MATH 132 (4)	Language (3)	RPED 260 (3)		ROTC Basic	<u>17</u> 34

Sophomore

Fall	LDRS 211 Fall or Spring (0)	PHYS 222 (3)	← PHYS 272 Lab (1)	CHEM 151 (3)	← CHEM 161 (1)	MATH 231 (4)	Strand 1 (3)		ROTC Basic	15
Spring		PHYS 224 (3)	← PHYS 274 Lab (1)	CSCI 205 (3)	MATH 234 (4)	PHYS 307 (3)	← PHYS 357 (1)		ROTC Basic	15 ----- 30

Junior

Fall	LDRS 311 (0)	PHYS 315 (3)	PHYS 223 (3)	PHYS 310 (3)	PHYS 308 (3)	← PHYS 358 Lab (1)	Strand 2 (3)	RPED (0)	ROTC Advanced	16
Spring		PHYS 309 (3)	PHYS 351 (3)	PHYS 405/410 (3)	CHEM 152 (3)	← CHEM 162 Lab (1)	LDRS 371 (3)	RPED (0)	ROTC Advanced	<u>16</u> 32

Senior

Fall	LDRS 411 (0)	PHYS 403 (3)	PHYS 420 (3)	Approved PHYS Elective* (3)	Strand 3 (3)				ROTC Advanced	12
Spring		PHYS 405/410 (3)	PHYS 421 CAPSTON E (3)	Approved PHYS Elective* (3)	Strand 4 (3)	LDRS 202 (3)			ROTC Advanced	<u>15</u> 27

TOTAL: 123

*Approved Electives: One must be in PHYS, one from BIO, CHEM, PHYS, MATH, CSCI or Engineering classes 301 or above, otherwise by permission of Physics Dept. Head. Required hours for graduation are 123 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.

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