

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

**Academic Credit Hours**

<b>Freshman</b>										
Fall	LDRS 101 (1)	PHYS 101 (3)	MATH 131 (4)		HIST W/World Civ. (3)	MOD LANG* (3)	ENGL 101 (Must Pass with "C" or Higher) (3)	RPED 250 (2)	ROTC + (Basic)	17
Spring	LDRS 111 (0)	PHYS 221 (3)	← PHYS 271 Lab (1)	PHYS 231 (1)	MATH 132 (4)	MOD LANG* (3)	ENGL 102 (3)	RPED 251 (2)	ROTC + (Basic)	15 <b>32</b>
<b>Sophomore</b>										
Fall	LDRS 201 Class (1)	PHYS 222 (3) PHYS 272 Lab (1)	PHYS 232 (1)	Approved Elective** (3)	MATH 231 (4)	MOD LANG* (3)	ENGL 201 (3)	RPED	ROTC + (Basic)	19
Spring	LDRS 211 (0) Fall or Spring	PHYS 223 (3) PHYS 273 Lab (1)	PHYS 233 (1)	PHYS 307 (3) PHYS 357 Lab (1)	MATH 234 (4)	MOD LANG* (3)	ENGL British, Amer. World Lit. (3)	RPED	ROTC + (Basic)	19 <b>38</b>
<b>Junior</b>										
Fall	LDRS 311 (0)	PHYS 315 (3)	PHYS 320 (3)	Approved Elective*** (3)	MATH 335 (3)	Social++ Science Core Course (3)			ROTC + (Advanced)	15
Spring		PHYS 308 (3)	← PHYS 358 Lab(1)	PHYS 316 (3)	HIST W/World Civ. (3)	PHYS 319 (2)	PHYS 410 (3)		ROTC + (Advanced)	15 <b>30</b>
<b>Senior</b>										
Fall	LDRS 411 (0)	PHYS 403 (3)	PHYS 405 (3)	PHYS 451 Lab (2)	PHYS 420 (3)	CHEM 151 (3)	← CHEM 161 Lab (1)		ROTC + (Advanced)	15
Spring		PHYS 404 (3)	PHYS 406 (3)	PHYS 421 (2)	Elective (3)	CHEM 152 (3)	← CHEM 162 Lab (1)		ROTC + (Advanced)	15 <b>30</b>

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**TOTAL 130**

\*Students must take the same language through 202.

\*\*BIOL 101/111, 102/112; ASTR 201, 202 or  
Alternative courses upon approval of department head.

\*\*\*CHEM 300, 305; PHYS 301, 409, 415, 416;

MATH 343, 422; BIOL 310; ASTR 412, or alternative course upon approval of department head.

++ Social Science Core Course Choices (Choose 1): ANTH 202 or PSCI 102 or PSYC 201 or SOCI 201

Required Hours for graduation 130 plus the credit hours from successful completion of  
RPED 250, 251, and all required ROTC courses.

+ROTC hours (credit, lecture, and/or lab) may vary each semester by military department; however,  
total hours which may be applied toward graduation requirements may not exceed 16 semester hours.