

Physics Course Planning Guide (B.S.)

- Does **not** guarantee course availability and must be used in consultation with your Academic Advisor.**
- Area B through Area E courses are offered as suggestions.
- Check for pre-requisites.

<u>Freshman Year</u> (through summer)		<u>Hours</u>
ENGL 1101	Completed by 30 hours (Area A)	3
ENGL 1102		3
MATH 1113 or MATH 1450		4
Area D-MATH 1450 or 2460		4
Area D-CHEM 1211/L		4
Area D-CHEM 1212/L		4
PHYS 1000		1
Area F-PHYS 2211/L (prerequisite: MATH 1450)		4
Area E-US/GA History and Government course		3
 <u>Sophomore Year</u> (through summer)		
Area F-PHYS 2212/L		4
Area F-MATH 2470		4
MATH 3650 (prerequisite: MATH 2460)		3
MATH 3000 (prerequisite: MATH 2460)		3
Area F-CSCI 1371		4
Area E-Social Science		3
Area C-Fine Arts or Philosophy course		3
Area B-MLAN 1001 (Physics majors must complete through 1002)		4
Area B-Global course		3
 <u>Junior Year</u> (through summer)		
PHYS 3310/L (prerequisite: PHYS 2212/L)		4
PHYS 3411 (prerequisite: PHYS 2212/L and MATH 2470)		3
PHYS 3610 (prerequisite: PHYS 2212/L)		3
PHYS 3111 (prerequisite: PHYS 2211/L)		3
PHYS elective		3
Area B-MLAN 1002 (Physics majors must complete through 1002)		4
Area E-Behavioral Science course		3
PHYS 3710 (prerequisite: PHYS 2212/L)		3
PHYS elective		3
Technical elective		3
PHYS 3990 (prerequisite: PHYS 3310/L)		1

Senior Year

PHYS 4350 (prerequisite: PHYS 3310/L and MATH 3000)	3
PHYS 4011L (prerequisite: PHYS 3310L)	1
PHYS 4012L (prerequisite: PHYS 4011L)	1
PHYS 4990 (prerequisite: PHYS 3990)	1
Technical elective	3
Technical elective	3
PHYS elective	3
Free elective	3
Free elective	3
Free elective	3
Free elective	3

Total semester hours

121

Notes:

All Area A courses must be completed with a grade of “C” or higher.

All MATH course must be completed with a grade of “C” or higher.

PHYS elective = upper-level physics or astronomy course.

Technical elective = computer science, math, chemistry or engineering, or upper-level geography, physics or astronomy.