

MAJOR: Bachelor of Arts in Physics [B.A. PHY]

This Academic Plan demonstrates how a student can complete the major in 4 years.

Specific individual Plans vary by student choices and options as developed with an advisor.

Student's NAME: _____ Catalog YR: _____ ID# _____

Ref. Code	COURSE	CREDITS	Ref. Code	COURSE	CREDITS
FRESHMAN - FALL			FRESHMAN - SPRING		
N / PHY	PHY 2010 Phy I	4	PHY	PHY 2020 Phy II	4
Q / PHY	MTH 1410/1415 Calc I*	4	PHY	MTH 1420/1425 Calc II*	4
PHY	CSC 1710 Programming I	4	GE	General Education (Area 1)	4
W / GE	ENG 1103 or FYS 1000	4	W / GE	ENG 1103 or FYS 1000	4
GE	EXP 1101 Pres. Seminar	1	GE	PEC Activity	1
TOTAL		17			17

GENERAL EDUCATION REQUIREMENTS (GE): First-year students complete EXP1101, FYS1000, and ENG1103 and may choose to complete a PEC Activity, a Foreign Language at 1020 or higher level, math, and other GE courses selected from history, religion, natural science, and/or performing/visual arts. Course selection based on placement. 1000-level courses are typically freshman courses.

SOPHOMORE - FALL			SOPHOMORE - SPRING		
PHY	PHY 2030 Modern Physics	4	PHY	PHY elective**	4
PHY	MTH/PHY 2050 Math Methods I*	4	PHY	MTH/PHY 2150 Math Methods II*	4
GE	General Education / MFL 1	4	GE	General Education / MFL 2	4
GE	General Education (Area 1)	4	GE	General Education (Ethics)	4
TOTAL		16			16

By the end of the second year, GE courses in ethics, English literature, and 2 in the social sciences plus other GE courses not yet completed should be planned. 2000-level courses are typically considered by sophomore students.

JUNIOR - FALL			JUNIOR - SPRING		
PHY	PHY 2200 Computational Physics*	4	PHY	PHY elective**	4
GE / GS	Gen Ed (Area 1) or Global Studies	4	GE	General Education (Area 1)	4
	Elective	4	GE / GS	Gen Ed (Area 1) or Global Studies	4
	Elective	4		Elective	4
TOTAL		16			16

All GE courses including a Global Studies course are normally completed by the end of the third year. If planning to study abroad or complete an internship in the JR or SR year, course selection needs to be planned accordingly in advance with an advisor in the major. 3000-level courses are typically planned for junior-level students.

SENIOR - FALL			SENIOR - SPRING		
PHY	PHY elective**	4	GE	General Education (Area 2)	4
GE	General Education (Area 2)	4		Elective	4
	Elective	4		Elective	4
	Elective	4		Elective	4
TOTAL		16			16

TOTAL CREDITS NEEDED FOR GRADUATION = 128

Reference Codes: Refer to Undergraduate Bulletin and MyStuff Schedule of Classes

Ref. Codes/MAJOR: **PHY** = courses required for the Physics major; **GE** = general education courses; **GS** = global studies.

*Courses should follow the Pure Mathematics or Applied Mathematics Track; see the Bulletin for additional details.

**See Bulletin for list of physics electives. Two of these physics electives must come from PHY 3110, PHY 3210, PHY 3310, and PHY 3400. If completing the Applied Mathematics Track, PHY 2200 may not be used to satisfy elective requirements.

NOTE 1: This plan of study should be used in conjunction with your Undergraduate Bulletin and the advising website at <http://www.highpoint.edu/academicadvising/>

NOTE 2: Elective credits can be used to take courses of interest or complete a minor.