MAJOR: Bachelor of Science - Physics (BS.PHYS)

NAME ___________________________________________ First Enrollment _____________

HPU e-mail: ______________@highpoint.edu Other email address: ______________________
cell phone #: __________________________________ Local address ______________________

GENERAL EDUCATION REQUIREMENTS

UNIVERSITY CORE: = 22 credits

____ EXP1101 = President’s Sem./Health & Wellness
____ ENG1103
____ MTH1110 or higher [MTH _______ ]
____ Foreign Language: 1 course @ 1020 or higher level:
SPN/FRE/GER/ITA/JPN/ARA/CHI/POR/RUS
____ Ethics: [circle one] PHL2008/2010/2043; REL2015;
PHL/WGS2016; REL/PHL2019
____ First Year Seminar – FYS1000
____ PEC Activity (1 credit: PEC ________ )

➤ AREA I ELECTIVES = 16 credits

History: any1000- or 2000-level >
[except HST2901 & HST2205] [HST ________ ]
____ Religion: (choices: see Bulletin) [REL ________ ]
____ Performing / Visual Arts: (choices: see Bulletin)
[ART _____ or MUS _____ or THE _____ ]
____ Literature: ENG2200/2217/2225/2230/2239/2249/
/2370; ENG/WGS2220; ENG/GBS3299>
ENG ______

➤ AREA II ELECTIVES = 12 credits

Lab Science (select one):
BIO1100/1120/1399/2060/2070; ENV1110;
CHM1000/1010/1510/1616; NSC 2100/2200;
PHY1000/1050/1100/1200/1510/2010
____ Social Sciences [2 required from different dept.]
ANT1020; ECO2030/2050; PSC2310/2710;
EDU4200; PSY2000; SOC1010/2020/2030/2040/2060/
/2070/3030/3060/3070/4000;

>> other requirements to be met for graduation:
A) at least 2 courses at 2000-level and 1 course at 3000-level in
any discipline not used to satisfy requirements in your major:

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B) at least 1 course taken to satisfy a major or General
Education requirement must be a GBS course: GBS____

B.S. Physics [62 credits]

____ PHY2001: Research and Scientific Writing I
____ PHY2002: Research and Scientific Writing II
____ PHY2010: Fundamentals of Physics I
____ PHY2020: Fundamentals of Physics II
____ PHY2030: Fundamentals of Physics III
____ PHY2100: Electronics
____ PHY3110: Classical Mechanics
____ PHY3210: Electricity & Magnetism
____ PHY3310: Quantum Mechanics
____ PHY3400: Statistical Mech. & Therm. Phys
____ PHY4000: Undergraduate Research (2 semesters)
____ MTH1410: Calculus I
____ MTH1420: Calculus II
____ MTH2410: Calculus III
____ MTH2310: Linear Algebra
____ MTH3410: Differential Equations
____ CSC1710: Intro to Programming

128 TOTAL HOURS REQUIRED FOR GRADUATION

**Requirements listed above based on the 2012-2013 Undergraduate Bulletin**