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

Name: _______________________________________
First Year of Enrollment: _________
HPU e-mail: __________________________________
Alternate e-mail: ____________________________
Cell phone: _________________________________
Local address: _______________________________

GENERAL EDUCATION REQUIREMENTS
Please refer to the Student Planning website for a comprehensive, approved list of courses to complete each requirement.**

UNIVERSITY CORE = 22 credits
___ First Year Seminar - FYS1000
___ President’s Seminar - EXP1101
___ English Writing - ENG1103
___ Mathematics - MTH1110 or higher [MTH ______]  
___ Foreign Language - One course at 1020 level or higher from approved list [________]  
___ Ethics - One course from approved list [_______]  
___ Physical Education - One PE course or participate in an inter-collegiate or club sport for one term [_______]

AREA I ELECTIVES = 16 credits
___ History - Any 1000/2000 level course from approved list [HST ________]
___ Religion - One course from approved list [REL______]
___ Fine Arts - One course from approved list [________]
___ Literature - One course from approved list [________]

AREA II ELECTIVES = 12 credits
___ Lab Science - One course from approved list (4 cr. minimum) [_______]
___ Social Sciences - Two courses from two different departments from approved list [________], [________]

MATURITY REQUIREMENT
___ Two courses at 2000-level and one course at 3000-level in any discipline not used to satisfy requirements in your major [_______], [_______], [_______]

GLOBAL STUDIES REQUIREMENT
___ One course from approved list [________]

B.S. PHYSICS MAJOR [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: Modern Physics
___ PHY2100: Electronics
___ PHY3110: Classical Mechanics
___ PHY3210: Electricity & Magnetism
___ PHY3310: Quantum Mechanics
___ PHY3400: Statistical Mech. and Therm. Phys
___ PHY4000: Undergraduate Research
___ 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 2015-2016 Undergraduate Bulletin

7/29/2015