Minor in Astrophysics

SPHA

Name (please print): ____________________________________________

(Last)                                                     (First)                                                (Middle)

Student Number: ____________________________________________

Primary Major:_____________________________________________ Expected Major Completion Term: ________________

Required Courses (11 – 12 credits)

___ PH1600 Introductory Astronomy (2)
___ PH2200 University Physics II - Electricity & Magnetism (3) or
___ PH2260 Honors Physics III (4)

Two of the following courses:

___ PH4610 Stellar Astrophysics (3)
___ PH4620 Galactic Astrophysics (3)
___ PH4630 Particle Astrophysics (3)

Elective Courses

Select five additional credits from the following:

___ EE4256 Fourier Optics (3)
___ EE4257 Digital Image Processing (3)
___ GE4250 Fundamentals of Remote Sensing (3) or
___ FW4540 Remote Sensing of the Environment (3)
___ MA2720 Statistical Methods (4) or
___ MA3710 Engineering Statistics (3)
___ PH4640 Introduction to Atmospheric Physics (3)
___ PH5610 High Energy Astrophysics (2)

Credits Required = 16 - 17

Total Credits ______

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: PH4610 (PH1600 and (PH1360 or PH2400) and (MA3520 or MA3521 or MA3530 or MA3560)), MA2720 (MA1020 or MA1032 or MA1031), MA3710 (MA2160), EE4256 (EE3190), PH4620 (PH1600 and (PH1360 or PH2400) and (MA3520 or MA3521 or MA3530 or MA3560)), PH4630 (PH2400 and (MA3520 or MA3530)), PH4640 ((PH1200 or PH2260) and (PH1360 or PH2300) and MA3160 and (MA3520 or MA3521 or MA3530 or MA3560)), EE4257 (EE3160 and EE3190), PH2200 ((PH1200 C or PH2261) C and (PH2100 or PH1160) and MA2160), GE4250 (PH2200 and MA2160), PH4630 (PH2400 and (MA3520 or MA3530))