



Name (please print): _____
(Last) (First) (Middle)

Student Number: _____

Primary Major: _____ Expected Major Completion Term: _____

Required Courses (5 – 6 credits)

- _____ PH1600 Introductory Astronomy (2)
- _____ PH2200 University Physics II - Electricity & Magnetism (3) **OR**
- _____ PH2260 Honors Physics III (4)

Credits Required = 18
Total Credits _____

Upper-Level Elective Courses (minimum 9 credits)

Select at least two of the following three astrophysics courses:

- _____ PH4610 Stellar Astrophysics (3)
- _____ PH4620 Galactic Astrophysics (3)
- _____ PH4630 Particle Astrophysics (3)

Select additional upper-level courses below to bring total credits at the 3000-level or higher to 9:

- _____ EE4252 Digital Image Processing & Applications (4)
- _____ EE4256 Fourier Optics (3)
- _____ MA3710 Engineering Statistics (3)*
- _____ FW4540 Remote Sensing of the Environment (3) **OR**
- _____ GE4250 Fundamentals of Remote Sensing (3)
- _____ PH4640 Fundamentals of Atmospheric Science (3)
- _____ PH5610 High Energy Astrophysics (2)

Other Elective Courses

- _____ PH1500 Extraordinary Concepts in Physics (2)
- _____ MA2720 Statistical Methods (4)*

**Students may not count both MA2720 and MA3710*

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: EE4252 (EE3160), EE4256 (EE3190), GE4250 (PH2200 and MA2160), MA2720 (MA1020 or MA1032 or MA1031), MA3710 (MA2160), PH2200 ((PH1200(C) or PH2261(C)) and (PH2100 or PH1160) and MA2160), PH2260 ((PH1160 or PH2100) and (PH1200(C) or PH2261(C)) and MA2160), PH4610 (PH1600 and (PH1360 or PH2400) and (MA3520 or MA3521 or MA3530 or MA3560)), PH4620 (PH1600 and (PH1360 or PH2400) and (MA3520 or MA3521 or MA3530 or MA3560)), PH4630 (PH2400 and (MA3520 or MA3530)), PH4640 ((PH2200 or PH2260) and (PH1360 or PH2300) and MA3160 and (MA3520 or MA3521 or MA3530 or MA3560))

Student _____	Date _____	Department Advisor _____	Date _____
---------------	------------	--------------------------	------------